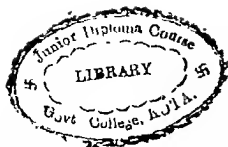


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CORRECTED TABLES

FOR USE WITH

SIKES'S GLASS HYDROMETER.

NOTE—In the following Tables, the indications under heading A refer to an extra stem designed for proving high strength spirits at high temperatures.

Additional Note.

In India brass instruments, when employed at all by Excise officers, are used in shop-visiting and district-work only. They should not be used in distilleries or bonded warehouses (unless with a special table not yet published). Although the tables for use with glass hydrometers are not designed to be used with brass instruments, they yet give more accurate results than do the older tables supplied by the makers along with the instruments. Consequently, these tables for glass hydrometers may be used, with advantage, in place of the older tables for brass instruments employed in shop visiting and district-work.

Directions for the use of the Corrected Tables for ascertaining the strengths of spirits by Sikes's *glass* Hydrometer.

Having poured a sample of the spirits intended to be proved into the trial-glass, ascertain the temperature of the fluid by immersing the thermometer therein. Stir the sample, and wait till the mercury remains stationary. The degree shown on the thermometer scale is the temperature of the spirits.

The various degrees of temperature are indicated at the top of each page, commencing with 40° and ending with 100° of Fahrenheit's thermometer.

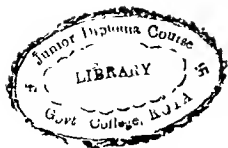
Open the book at the temperature indicated, and select the stem likely to be required. Immerse it in the spirit and press it down to the top-mark on the scale. If the proper stem has been selected, it will float at some division on the stem: this is "the indication." Opposite this indication in the Table will be found the strength of the spirit.

Examples —

- (a) If the hydrometer-stem 20 to 40 sinks to 28.0 (i.e., indication 28) with a temperature of 40°, the strength found in the Tables under that temperature at 28 will be found to be 46.3 Over Proof.
- (b) If, again, at temperature 51° the hydrometer-stem 10 to 60 floats so as to indicate 43.0 divisions on the stem, then opposite the indication 43 under temperature 51° will be found the strength 25.3 Over Proof.
- (c) At temperature 60°, indication 69.0, the strength will be found to be 16.3 Under Proof.

Each sub-division of the hydrometer stem corresponds to 0.2 per cent. of the whole scale (apart from the portion termed A).

The Slide Rule and Comparative Rule as hitherto supplied with the uncorrected Sikes's Tables should not now be employed.



REVISED SIKES'S TABLES.

GLASS HYDROMETER.

A

Temperature 40° F.

[illegible]

GLASS HYDROMETER.

Temperature 40° F.

Dive on Stem		Per cent. over Proof		Dive on Stem		Per cent. over Proof		Dive on Stem		Per cent. under Proof		Dive on Stem		Per cent. under Proof		Dive on Stem		Per cent. under Proof		Dive on Stem		Per cent. under Proof		Dive on Stem		Per cent. under Proof		Dive on Stem		Per cent. under Proof	
40	2	32 3		50	2	19 6		60	2	5 1		70	2	10 9		80	2	31 8		90	2	67 2			2						
	4	32 1			4	19 3			4	4 8			4	11 2			4	32 3			4	68 0			4						
	6	31 0			6	18 8			6	4 5			6	11 6			6	32 8			6	68 8			6						
	8	31 4			8	18 5			8	4 2			8	11 9			8	33 3			8	69 6			8						
41	2	31 1		51	2	18 3		61	2	3 9		71	2	12 3		81	2	33 8		91	2	70 4			2						
	4	30 9			4	18 0			4	3 6			4	12 7			4	34 4			4	71 2			4						
	6	30 7			6	17 7			6	3 3			6	13 1			6	34 9			6	71 9			6						
	8	30 4			8	17 4			8	3 0			8	13 4			8	35 4			8	72 7			8						
42	2	30 2		52	2	17 1		62	2	2 7		72	2	13 8		82	2	35 9		92	2	73 5			2						
	4	29 9			4	16 8			4	2 4			4	14 2			4	36 5			4	74 2			4						
	6	29 7			6	16 5			6	2 1			6	14 8			6	37 1			6	75 0			6						
	8	29 5			8	16 3			8	1 8			8	15 0			8	37 7			8	75 7			8						
	0	29 2			0	16 0			0	1 5			0	15 4			0	38 3			0	76 5			0						
	8	28 9			8	15 7			8	1 2			8	15 7			8	39 9			8	77 3			8						
43	2	28 0		53	2	15 4		63	2	0 9		73	2	16 1		83	2	39 5		93	2	78 0			2						
	4	28 4			4	15 1			4	0 6			4	16 5			4	40 1			4	78 7			4						
	6	28 1			6	14 8			6	0 3			6	18 9			6	40 7			6	79 4			6						
	8	27 9			8	14 6			8	0 0			8	17 3			8	41 4			8	80 2			8						
44	2	27 7		54	2	14 3		64	2	0 6		74	2	17 7		84	2	42 0		94	2	80 9			2						
	4	27 4			4	14 0			4	0 3			4	18 1			4	42 6			4	81 6			4						
	6	27 1			6	13 7			6	0 0			6	18 5			6	43 2			6	82 2			6						
	8	26 9			8	13 5			8	0 6			8	18 9			8	43 8			8	82 9			8						
	0	26 7			0	13 2			0	0 3			0	19 3			0	44 4			0	83 5			0						
	8	26 4			8	12 9			8	0 0			8	19 7			8	45 1			8	84 2			8						
45	2	26 1		55	2	12 6		65	2	0 6		75	2	20 1		85	2	45 7		95	2	84 9			2						
	4	25 9			4	12 3			4	0 3			4	20 6			4	46 4			4	85 8			4						
	6	25 7			6	12 0			6	0 0			6	21 0			6	47 1			6	86 8			6						
	8	25 4			8	11 7			8	0 6			8	21 5			8	47 9			8	87 5			8						
	0	25 1			0	11 4			0	0 3			0	21 9			0	48 6			0	88 1			0						
46	2	24 9		56	2	11 1		66	2	0 0		76	2	22 3		86	2	49 4		96	2	88 7			2						
	4	24 6			4	10 8			4	0 6			4	22 8			4	50 2			4	89 3			4						
	6	24 3			6	10 5			6	0 3			6	23 2			6	51 0			6	89 9			6						
	8	24 1			8	10 2			8	0 0			8	23 7			8	51 9			8	90 5			8						
	0	23 8			0	9 9			0	0 6			0	24 2			0	52 7			0	91 1			0						
47	2	23 5		57	2	9 6		67	2	0 3		77	2	24 6		87	2	53 6		97	2	91 6			2						
	4	23 3			4	9 3			4	0 0			4	25 1			4	54 5			4	92 2			4						
	6	23 0			6	9 0			6	0 6			6	25 5			6	55 4			6	92 7			6						
	8	22 7			8	8 7			8	0 3			8	25 9			8	56 3			8	93 3			8						
	0	22 5			0	8 4			0	0 0			0	26 3			0	57 1			0	93 8			0						
48	2	22 2		58	2	8 1		68	2	0 6		78	2	26 7		88	2	58 0		98	2	94 3			2						
	4	22 0			4	7 8			4	0 3			4	27 1			4	58 9			4	94 9			4						
	6	21 7			6	7 5			6	0 0			6	27 6			6	59 8			6	95 4			6						
	8	21 5			8	7 2			8	0 6			8	28 4			8	60 6			8	95 9			8						
	0	21 2			0	6 9			0	0 3			0	28 8			0	61 5			0	96 5			0						
49	2	20 9		59	2	6 6		69	2	0 0		79	2	29 2		89	2	62 3		99	2	96 5			2						
	4	20 7			4	6 3			4	0 6			4	29 7			4	63 1			4	97 1			4						
	6	20 4			6	6 0			6	0 3			6	30 2			6	64 0			6	97 6			6						
	8	20 1			8	5 7			8	0 0			8	30 7			8	64 8			8	98 1			8						
	0	19 9			0	5 4			0	0 6			0	31 2			0	65 6			0	98 7			0						
50	2	19 6		60	2	5 1		70	2	0 3		80	2	31 8		90	2	66 4		100	2	99 2			2						

GLASS HYDROMETER.

A Temperature 41° F.

Divs. on Stem A	Per cent. over Proof	Divs. on Stem A	Per cent. over Proof	Divs. on Stem	Per cent. over Proof	Divs. on Stem	Per cent. over Proof	Divs. on Stem	Per cent. over Proof	Divs. on Stem	Per cent. over Proof	Divs. on Stem	Per cent. over Proof
0		10		0	70 2	10	63 1	20	54 1	30	43 9		
2		12		2	70 2	12	62 9	22	53 9	32	43 6		
4		4		4	70 1	4	62 7	4	53 7	4	43 4		
6		6		6	70 0	6	62 6	6	53 6	6	43 1		
8		8		8	69 8	8	62 4	8	53 4	8	42 9		
1		11		1	69 7	11	62 3	11	53 3	11	42 6		
2		2		2	69 6	2	62 1	2	53 0	2	42 3		
4		4		4	69 4	4	61 9	4	52 8	4	42 1		
6		6		6	69 3	6	61 7	6	52 6	6	41 8		
8		8		8	69 1	8	61 5	8	52 4	8	41 6		
2		13		2	69 0	12	61 3	22	52 2	32	41 3		
2		2		2	68 9	2	61 1	2	52 0	2	41 1		
4		4		4	68 8	4	61 0	4	51 8	4	40 9		
6		6	75 2	6	68 6	6	60 8	6	51 6	6	40 7		
8		8	75 1	8	68 5	8	60 6	8	51 4	8	40 4		
3		13	75 0	3	68 4	13	60 4	23	51 2	33	40 2		
2		2	74 8	2	68 2	2	60 3	2	51 0	2	39 9		
4		4	74 6	4	68 1	4	60 1	4	50 8	4	39 7		
6		6	74 5	6	68 0	6	59 9	6	50 6	6	39 5		
8		8	74 4	8	67 9	8	59 7	8	50 4	8	39 3		
4		14	74 3	4	67 7	14	59 5	24	50 2	34	39 1		
2		2	74 1	2	67 5	2	59 4	2	50 0	2	38 8		
4		4	74 0	4	67 4	4	59 2	4	49 8	4	38 6		
6		6	73 8	6	67 3	6	59 1	6	49 6	6	38 3		
8		8	73 7	8	67 1	8	58 9	8	49 3	8	38 1		
5		15	73 6	5	66 9	15	58 7	25	49 1	35	37 8		
2		2	73 5	2	66 8	2	58 5	2	49 0	2	37 6		
4		4	73 4	4	66 7	4	58 3	4	48 7	4	37 4		
6		6	73 2	6	66 5	6	58 1	6	48 5	6	37 1		
8		8	73 1	8	66 3	8	57 9	8	48 3	8	36 9		
6		16	73 0	6	66 2	16	57 8	26	48 1	36	36 7		
2		2	72 8	2	66 0	2	57 7	2	47 9	2	36 4		
4		4	72 7	4	65 9	4	57 5	4	47 7	4	36 2		
6		6	72 6	6	65 7	6	57 3	6	47 5	6	36 0		
8		8	72 5	8	65 5	8	57 1	8	47 3	8	35 8		
7		17	72 3	7	65 4	17	56 9	27	47 1	37	35 5		
2		2	72 2	2	65 3	2	56 7	2	46 9	2	35 3		
4		4	72 1	4	65 1	4	56 5	4	46 7	4	35 1		
6		6	71 9	6	65 0	6	56 3	6	46 5	6	34 9		
8		8	71 8	8	64 6	8	56 1	8	46 3	8	34 7		
8		18	71 7	8	64 7	18	56 0	28	46 1	38	34 4		
2		2	71 5	2	64 5	2	55 8	2	45 8	2	34 1		
4		4	71 4	4	64 3	4	55 6	4	45 6	4	33 9		
6		6	71 3	6	64 2	6	55 4	6	45 4	6	33 7		
8		8	71 1	8	64 1	8	55 2	8	45 2	8	33 4		
9		19	71 0	9	63 9	19	55 0	29	44 9	39	33 2		
2		2	70 9	2	63 8	2	54 9	2	44 7	2	33 0		
4		4	70 7	4	63 6	4	54 7	4	44 5	4	32 8		
6		6	70 6	6	63 5	6	54 5	6	44 3	6	32 5		
8		8	70 5	8	63 3	8	54 3	8	44 1	8	32 3		
10		20	70 3	10	63 1	20	54 1	30	43 9	40	32 1		

GLASS HYDROMETER.

Temperature 41° F.

Days on Stem		Per cent over Proof		Days on Stem		Per cent over Proof		Days on Stem		Per cent under Proof		Days on Stem		Per cent under Proof		Days on Stem		Per cent under Proof	
40	2	32 1	50	19 3	60	4 7	70	11 3	80	32 12	90	67 4							
	4	31 8		19 0		4 4		11 6		32 7		68 2							
	6	31 6		18 7		4 1		12 0		33 2		69 0							
	8	31 3		18 5		3 8		12 3		31 7		69 8							
41	2	31 1	51	18 2	61	3 5	71	12 6	81	31 2	91	70 6							
	4	30 9		17 9		3 2		13 0		31 7		71 4							
	6	30 6		17 6		2 9		13 4		31 3		72 2							
	8	30 4		17 3		2 6		13 8		30 8		72 9							
42	2	30 1	52	17 1	62	2 3	72	14 2	82	30 3	92	73 7							
	4	29 9		16 8		2 0		14 6		29 9		74 4							
	6	29 6		16 5		1 7		15 0		29 6		75 1							
	8	29 3		16 2		1 4		15 4		29 1		75 8							
43	2	29 1	53	15 9	63	1 1	73	15 7	83	28 7	93	76 6							
	4	28 9		15 6		0 8		16 0		28 9		77 4							
	6	28 7		15 4		0 5		16 4		28 7		78 1							
	8	28 4		15 1		0 2		16 8		28 4		78 8							
44	2	28 1	54	14 8	64	0 1	74	17 2	84	28 1	94	79 6							
	4	27 0		14 5		0 4		17 6		27 0		80 2							
	6	27 7		14 3		0 7		18 0		27 4		80 9							
	8	27 4		14 0		1 0		18 4		27 1		81 6							
45	2	27 1	55	13 7	65	1 3	75	18 8	85	27 1	95	82 3							
	4	26 8		13 4		1 7		19 3		26 8		83 0							
	6	26 3		13 1		2 0		19 8		26 3		83 6							
	8	26 1		12 9		2 3		20 2		26 1		84 3							
46	2	25 8	56	12 6	66	2 6	76	20 6	86	25 8	96	84 9							
	4	25 5		12 3		2 9		21 0		25 5		85 8							
	6	25 3		12 0		3 3		21 4		25 3		86 2							
	8	25 1		11 7		3 6		21 9		25 1		86 9							
47	2	24 8	57	11 4	67	3 9	77	22 3	87	24 8	97	87 5							
	4	24 5		11 1		4 2		22 7		24 5		88 1							
	6	24 3		10 8		4 5		23 2		24 3		88 7							
	8	24 0		10 5		4 9		23 7		24 0		89 3							
48	2	23 7	58	10 2	68	5 2	78	24 1	88	23 7	98	89 9							
	4	23 5		9 9		5 5		24 6		23 5		90 5							
	6	23 2		9 6		5 9		25 0		23 2		91 1							
	8	23 0		9 3		6 2		25 4		23 0		91 7							
49	2	22 7	59	9 0	69	6 6	79	25 8	89	22 7	99	92 2							
	4	22 5		8 7		6 9		26 3		22 5		92 7							
	6	22 2		8 3		7 2		26 7		22 2		93 2							
	8	21 9		8 0		7 5		27 1		21 9		93 9							
50	2	21 7	60	7 7	70	7 9	80	27 5	90	21 7	100	94 4							
	4	21 4		7 4		8 2		27 9		21 4		94 9							
	6	21 2		7 1		8 5		28 3		21 2		95 4							
	8	20 9		6 8		8 8		28 7		20 9		95 9							
49	2	20 6	59	6 5	69	9 1	79	29 1	89	20 6		96 5							
	4	20 4		6 2		9 5		29 6		20 4		97 1							
	6	20 1		5 9		9 9		30 1		20 1		97 6							
	8	19 8		5 6		10 2		30 6		19 8		98 1							
		19 6		5 3		10 5		31 1		19 6		98 7							
		19 3		5 0		10 9		31 7				99 2							
				4 7		11 3		32 2				99 7							

GLASS HYDROMETER.

A

Temperature 42° F.

Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof
0		10		0	70 1	16	62 9	20	53 9	30	43 5				
2		12		12	70 0	12	62 7	12	53 7	12	43 3				
4		4		4	69 9	4	62 5	4	53 5	4	43 1				
6		6		6	69 8	6	62 4	6	53 3	6	42 8				
8		8		8	69 6	8	62 2	8	53 1	8	42 6				
1		11		1	69 5	11	62 1	21	52 9	31	42 3				
2		2		2	69 4	2	61 9	12	52 7	2	42 0				
4		4		4	69 2	4	61 7	4	52 5	4	41 8				
6		6		6	69 1	6	61 5	6	52 3	6	41 5				
8		8		8	69 0	8	61 3	8	52 1	8	41 3				
12		12		12	68 8	12	61 1	22	51 9	32	41 0				
2		12	75 2	2	68 7	2	60 9	2	51 7	2	40 8				
4		4	75 1	4	68 6	4	60 7	4	51 5	4	40 5				
6		6	75 0	6	68 4	6	60 5	6	51 3	6	40 3				
8		8	74 8	8	68 3	8	60 4	8	51 1	8	40 1				
3		13	74 7	3	68 2	13	60 2	23	50 9	33	39 9				
2		2	74 6	2	68 0	2	60 1	2	50 7	2	39 7				
4		4	74 4	4	67 9	4	59 9	4	50 5	4	39 5				
6		6	74 3	6	67 8	6	59 7	6	50 3	6	39 2				
8		8	74 2	8	67 7	8	59 5	8	50 1	8	39 0				
1		14	74 1	4	67 6	14	59 3	24	49 9	34	38 7				
2		2	73 9	2	67 3	2	59 1	2	49 7	2	38 5				
4		4	73 8	4	67 2	4	58 9	4	49 5	4	38 3				
6		6	73 7	6	67 1	6	58 8	6	49 3	6	38 0				
8		8	73 5	8	66 9	8	58 6	8	49 1	8	37 8				
5		15	73 4	6	66 7	15	58 5	25	48 9	35	37 6				
2		2	73 3	2	66 6	2	58 3	2	48 7	2	37 3				
4		4	73 2	4	66 5	4	58 1	4	48 5	4	37 1				
6		6	73 0	6	66 3	6	57 9	6	48 3	6	36 8				
8		8	72 9	8	66 1	8	57 7	8	48 1	8	36 6				
6		16	72 8	6	66 0	16	57 5	26	47 9	36	36 4				
2		2	72 6	2	65 8	2	57 4	2	47 7	2	36 1				
4		4	72 5	4	65 7	4	57 2	4	47 5	4	35 9				
6		6	72 4	6	65 5	6	57 1	6	47 3	6	35 7				
8		8	72 3	8	65 3	8	56 9	8	47 1	8	35 5				
7		17	72 1	7	65 2	17	56 7	27	46 9	37	35 3				
2		2	72 0	2	65 1	2	56 5	2	46 7	2	35 0				
4		4	71 9	4	64 9	4	56 3	4	46 5	4	34 8				
6		6	71 7	6	64 8	6	56 1	6	46 2	6	34 6				
8		8	71 6	8	64 6	8	55 9	8	46 0	8	34 4				
8		18	71 5	8	64 5	18	55 7	28	45 7	38	34 1				
2		2	71 3	2	64 3	2	55 5	2	45 5	2	33 9				
4		4	71 2	4	64 1	4	55 3	4	45 3	4	33 7				
6		6	71 1	6	64 0	6	55 1	6	45 1	6	33 5				
8		8	70 9	8	63 9	8	55 0	8	44 9	8	33 2				
9		19	70 8	9	63 7	19	64 8	29	44 7	39	32 9				
2		2	70 7	2	63 6	2	54 6	2	44 5	2	32 7				
4		4	70 5	4	63 4	4	54 4	4	44 2	4	32 5				
6		6	70 4	6	63 3	6	54 2	6	44 0	6	32 2				
8		8	70 3	8	63 1	8	54 0	8	43 7	8	32 0				
10		20	70 1	10	62 9	20	53 9	30	43 5	40	31 7				

GLASS HYDROMETER.

Temperature 42° F.

Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof	Days on Stem	Per cent under Proof	Days on Stem	Per cent under Proof	Days on Stem	Per cent under Proof	Days on Stem	Per cent under Proof	Days on Stem	Per cent under Proof
40	31 7	50	19 0	60	4 4	70	11 6	80	32 0	90	67 6				
2	31 5	2	18 7	2	4 1	12	12 0	2	33 1	2	68 4				
4	31 3	4	18 4	4	3 8	4	12 3	4	33 6	4	69 2				
6	31 0	6	18 1	6	3 5	6	12 6	6	34 1	6	69 0				
8	30 8	8	17 9	8	3 2	8	13 0	8	34 6	8	70 7				
41	30 5	51	17 6	61	1 9	71	13 4	81	35 1	91	71 4				
12	30 3	2	17 3	2	1 6	12	13 8	2	35 7	2	72 2				
4	30 1	4	17 0	4	1 3	4	14 2	4	36 2	4	73 0				
6	29 8	6	16 8	6	1 0	6	14 5	6	36 7	6	73 7				
8	29 6	8	16 5	8	1 7	8	14 9	8	37 3	8	74 5				
42	29 3	52	16 2	62	1 4	72	15 3	82	37 9	92	75 2				
2	29 1	2	15 9	2	1 1	2	15 7	2	38 5	2	76 0				
4	28 8	4	15 6	4	0 8	4	16 1	4	39 1	4	76 7				
6	28 5	6	15 3	6	0 5	6	16 4	6	39 7	6	77 4				
8	28 3	8	15 1	8	0 2	8	16 8	8	40 3	8	78 2				
43	28 1	53	14 8	63	0 1	73	17 2	83	40 9	93	78 9				
2	27 8	2	14 5	2	0 4	2	17 6	2	41 5	2	79 0				
4	27 5	4	14 2	4	0 7	4	18 0	4	42 1	4	80 3				
6	27 3	6	14 0	6	1 0	6	18 4	6	42 7	6	81 0				
8	27 1	8	13 7	8	1 3	8	18 8	8	43 3	8	81 7				
44	26 8	54	13 4	64	1 7	74	19 3	84	43 9	94	82 3				
2	26 5	2	13 1	2	2 0	2	19 7	2	44 5	2	83 0				
4	26 3	4	12 8	4	2 3	4	20 2	4	45 1	4	83 0				
6	26 0	6	12 5	6	2 6	6	20 6	6	45 8	6	84 3				
8	25 8	8	12 2	8	2 9	8	21 0	8	46 5	8	84 0				
45	25 5	55	11 9	65	3 3	75	21 4	85	47 2	95	85 6				
2	25 2	2	11 6	2	3 6	2	21 9	2	47 0	2	86 2				
4	25 0	4	11 3	4	3 9	4	22 3	4	48 6	4	86 0				
6	24 7	6	11 0	6	4 2	6	22 8	6	49 3	6	87 6				
8	24 5	8	10 7	8	4 5	8	23 2	8	50 1	8	88 2				
46	24 2	56	10 4	66	4 9	76	23 6	86	50 9	96	88 7				
2	23 9	2	10 1	2	5 2	2	24 1	2	51 7	2	89 3				
4	23 7	4	9 8	4	5 5	4	24 5	4	52 5	4	89 9				
6	23 4	6	9 5	6	5 9	6	25 0	6	53 3	6	90 5				
8	23 2	8	9 2	8	6 2	8	25 4	8	54 2	8	91 1				
47	22 9	57	8 9	67	6 6	77	25 8	87	55 0	97	91 6				
2	22 7	2	8 6	2	6 9	2	26 2	2	55 9	2	92 2				
4	22 4	4	8 3	4	7 3	4	26 6	4	56 7	4	92 8				
6	22 2	6	8 0	6	7 6	6	27 0	6	57 6	6	93 4				
8	21 9	8	7 7	8	7 9	8	27 4	8	58 5	8	93 9				
48	21 6	58	7 4	68	8 2	78	27 8	88	59 3	98	94 4				
2	21 4	2	7 1	2	8 5	2	28 2	2	60 2	2	94 9				
4	21 1	4	6 8	4	8 9	4	28 6	4	61 0	4	95 5				
6	20 9	6	6 5	6	9 2	6	29 0	6	61 9	6	96 1				
8	20 6	8	6 2	8	9 5	8	29 5	8	62 8	8	96 6				
49	20 3	59	5 9	69	9 9	79	30 0	89	63 6	99	97 1				
2	20 1	2	5 6	2	10 2	2	30 5	2	64 5	2	97 6				
4	19 8	4	5 3	4	10 6	4	31 0	4	65 3	4	98 2				
6	19 5	6	5 0	6	10 9	6	31 6	6	66 1	6	98 7				
8	19 3	8	4 7	8	11 2	8	32 1	8	66 8	8	99 2				
50	19 0	60	4 4	70	11 6	80	32 6	90	67 6	100	99 7				

GLASS HYDROMETER

A

Temperature 43° F.

Divs on Stem A	Per cent over Proof	Divs on Stem A	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof
0		10		0	69 9	10	62 7	20	53 6	30	43 2		
12		12		2	69 8	2	62 5	2	53 4	2	42 9		
4		4		4	69 7	4	62 3	4	53 3	4	42 7		
6		6		6	69 6	6	62 1	6	53 1	6	42 5		
8		8		8	69 4	8	61 9	8	52 9	8	42 3		
1		11		1	69 3	11	61 8	21	52 7	31	42 0		
12		2		12	69 2	2	61 6	2	52 5	2	41 7		
4		4		4	69 0	4	61 4	4	52 3	4	41 5		
6		6		6	68 9	6	61 3	6	52 1	6	41 2		
8		8		8	68 8	8	61 1	8	51 9	8	41 0		
12		12	73 2	8	68 6	12	60 9	22	51 7	32	40 7		
2		2	73 1	2	68 5	2	60 7	2	51 5	2	40 5		
4		4	74 8	4	68 4	4	60 5	4	51 3	4	40 3		
6		6	74 7	6	68 2	6	60 3	6	51 1	6	40 1		
8		8	74 6	8	68 1	8	60 1	8	50 9	8	39 8		
3		13	74 5	3	68 0	13	59 9	23	50 7	33	39 6		
2		2	74 4	2	67 8	2	59 8	2	50 5	2	39 4		
4		4	74 2	4	67 7	4	59 6	4	50 3	4	39 2		
6		6	74 1	6	67 6	6	59 5	6	50 1	6	39 0		
8		8	74 0	8	67 5	8	59 3	8	49 9	8	38 8		
4		14	73 9	4	67 3	14	59 1	24	49 7	34	38 5		
2		2	73 7	2	67 1	2	58 9	2	49 5	2	38 2		
4		4	73 6	4	67 0	4	58 7	4	49 3	4	37 9		
6		6	73 5	6	66 9	6	58 6	6	49 1	6	37 7		
8		8	73 3	8	66 7	8	58 4	8	48 9	8	37 5		
5		15	73 2	5	66 5	15	58 2	25	48 6	35	37 3		
2		2	73 1	2	66 4	2	58 1	2	48 4	2	37 0		
4		4	73 0	4	66 3	4	57 9	4	48 2	4	36 8		
6		6	72 8	6	66 1	6	57 7	6	48 0	6	36 5		
8		8	72 7	8	65 9	8	57 5	8	47 8	8	36 3		
6		16	72 6	6	65 8	16	57 3	26	47 6	36	36 1		
2		2	72 4	2	65 6	2	57 2	2	47 4	2	35 9		
4		4	72 3	4	65 5	4	57 0	4	47 2	4	35 7		
6		6	72 2	6	65 3	6	56 8	6	47 0	6	35 4		
8		8	72 1	8	65 1	8	56 6	8	46 8	8	35 2		
7		17	71 9	7	65 0	17	56 4	27	46 6	37	35 0		
2		2	71 8	2	64 9	2	56 3	2	46 4	2	34 7		
4		4	71 7	4	64 7	4	56 1	4	46 1	4	34 5		
6		6	71 5	6	64 6	6	55 9	6	45 9	6	34 3		
8		8	71 4	8	64 4	8	55 7	8	45 7	8	34 1		
8		18	71 3	8	64 3	18	55 5	28	45 5	38	33 8		
2		2	71 1	2	64 1	2	55 3	2	45 3	2	33 5		
4		4	71 0	4	63 9	4	55 1	4	45 1	4	33 3		
6		6	70 9	6	63 8	6	54 9	6	44 8	6	33 1		
8		8	70 7	8	63 7	8	54 7	8	44 6	8	32 9		
9		19	70 6	9	63 5	19	54 5	29	44 4	39	32 7		
2		2	70 5	2	63 3	2	54 3	2	44 2	2	32 4		
4		4	70 3	4	63 1	4	54 1	4	44 0	4	32 2		
6		6	70 2	6	63 0	6	53 9	6	43 7	6	31 0		
8		8	70 1	8	62 8	8	53 8	8	43 5	8	31 7		
10		20	69 9	10	62 7	20	53 6	30	43 2	40	31 5		

GLASS HYDROMETER

Temperature 43° F.

Divs on Stem	Per cent. over Proof	Divs on Stem	Per cent. over Proof	Divs on Stem	Per cent. over Proof	Divs on Stem	Per cent. under Proof	Divs on Stem	Per cent. under Proof	Divs on Stem	Per cent. under Proof	Divs on Stem	Per cent. under Proof	Divs on Stem	Per cent. under Proof
40	31 5	50	18 6	60	4 1	70	12 6	80	33 1	90	67 8				
2	31 2	2	18 3	2	3 8	2	12 3	2	33 6	2	68 6				
4	31 0	4	18 1	4	3 5	4	12 7	4	34 1	4	69 3				
6	30 7	6	17 8	6	3 2	6	13 6	6	34 6	6	70 1				
8	30 5	8	17 6	8	2 9	8	13 4	8	35 1	8	70 9				
41	30 3	51	17 3	61	2 6	71	13 7	81	35 6	91	71 7				
2	30 0	2	17 0	2	2 3	2	14 1	2	36 1	2	72 4				
4	29 8	4	16 7	4	2 6	4	14 5	4	36 6	4	73 1				
6	29 5	6	16 4	6	1 7	6	14 9	6	37 2	6	73 8				
8	29 3	8	16 1	8	1 4	8	15 3	8	37 8	8	74 6				
42	29 0	52	15 8	62	1 1	72	15 7	82	38 4	92	75 3				
2	28 7	2	15 5	2	0 8	2	16 1	2	39 0	2	76 0				
4	28 5	4	15 3	4	0 5	4	16 4	4	39 6	4	76 8				
6	28 3	6	15 0	6	0 2	6	16 8	6	40 2	6	77 5				
8	28 1	8	14 7	8	0 1	8	17 2	8	40 8	8	78 3				
43	27 8	53	14 5	63	0 4	73	17 0	83	41 4	93	79 0				
2	27 5	2	11 2	2	0 7	2	18 0	2	42 0	2	79 7				
4	27 3	4	13 9	4	1 1	4	18 4	4	42 6	4	80 4				
6	27 1	6	13 7	6	1 4	6	18 8	6	43 2	6	81 0				
8	26 9	8	13 4	8	1 7	8	19 2	8	43 8	8	81 7				
44	26 6	54	13 1	64	2 0	74	19 6	84	44 4	94	82 4				
2	26 2	2	12 8	2	2 3	2	20 1	2	45 0	2	83 0				
4	26 0	4	12 5	4	2 7	4	20 6	4	45 6	4	83 6				
6	25 7	6	12 2	6	3 0	6	21 0	6	46 2	6	84 3				
8	25 5	8	11 9	8	3 3	8	21 4	8	47 0	8	85 0				
45	25 2	55	11 6	65	3 6	75	21 8	85	47 7	95	85 0				
2	24 9	2	11 3	2	3 9	2	22 3	2	48 4	2	86 2				
4	24 7	4	11 0	4	4 3	4	22 8	4	49 1	4	86 9				
6	24 4	6	10 7	6	4 6	6	23 2	6	49 8	6	87 6				
8	24 2	8	10 4	8	4 9	8	23 6	8	50 6	8	88 2				
46	23 0	56	10 1	66	5 2	76	24 0	86	51 4	96	88 8				
2	23 6	2	9 8	2	5 5	2	24 5	2	52 2	2	89 4				
4	23 4	4	9 5	4	5 9	4	24 9	4	53 0	4	90 0				
6	23 1	6	9 2	6	6 2	6	25 3	6	53 8	6	90 6				
8	22 9	8	8 9	8	6 6	8	25 7	8	54 6	8	91 2				
47	22 6	57	8 6	67	7 6	77	26 1	87	55 4	97	91 7				
2	22 3	2	8 3	2	7 3	2	26 6	2	56 2	2	92 2				
4	22 0	4	8 0	4	7 6	4	27 0	4	57 1	4	92 8				
6	21 7	6	7 7	6	7 9	6	27 4	6	57 9	6	93 4				
8	21 5	8	7 4	8	8 2	8	27 8	8	58 8	8	93 9				
48	21 2	58	7 1	68	8 5	78	28 2	88	59 6	98	94 4				
2	20 9	2	6 8	2	8 9	2	28 6	2	60 4	2	94 9				
4	20 7	4	6 5	4	9 2	4	29 0	4	61 3	4	95 5				
6	20 4	6	6 2	6	9 5	6	29 4	6	62 2	6	96 0				
8	20 2	8	5 9	8	9 9	8	29 9	8	63 0	8	96 6				
49	19 9	59	5 6	69	10 2	79	30 4	89	63 8	99	97 1				
2	19 7	2	5 3	2	16 6	2	30 9	2	64 6	2	97 7				
4	19 4	4	5 0	4	16 9	4	31 4	4	65 4	4	98 2				
6	19 2	6	4 7	6	17 2	6	32 0	6	66 2	6	98 7				
8	18 9	8	4 4	8	11 6	8	32 6	8	67 0	8	99 2				
50	18 6	60	4 1	70	12 6	80	33 1	90	67 8	100	99 7				

GLASS HYDROMETER

A

Temperature 44° F.

Dips on Stem A	Per cent. over Proof	Dips on Stem A	Per cent. over Proof	Dips on Stem	Per cent. over Proof	Dips on Stem	Per cent. over Proof	Dips on Stem	Per cent. over Proof	Dips on Stem	Per cent. over Proof
0		10		0	69 7	10	62 5	20	53 4	30	43 0
12		2		2	69 6	2	62 3	12	53 2	2	42 7
4		4		4	69 5	4	62 1	4	53 0	4	42 4
6		6		6	69 4	6	61 9	6	52 9	6	42 1
8		8		8	69 2	8	61 7	8	52 7	8	41 9
1		11		1	69 1	11	61 5	21	52 5	31	41 7
2		2		2	69 0	2	61 4	2	52 3	2	41 4
4		4	75 2	4	68 8	4	61 2	4	52 1	4	41 1
6		6	75 1	6	68 7	6	61 0	6	51 0	6	40 9
8		8	75 0	8	68 6	8	60 8	8	51 7	8	40 7
2		12	74 8	12	68 4	12	60 7	22	51 5	22	40 4
4		2	74 7	2	68 3	2	60 5	2	51 3	2	40 2
6		4	74 6	4	68 2	4	60 3	4	51 1	4	40 0
8		6	74 5	6	68 0	6	60 1	6	50 0	6	39 8
2		8	74 4	8	67 9	8	59 9	8	50 6	8	39 5
4		13	74 3	13	67 8	13	59 7	23	50 4	23	39 3
6		2	74 2	2	67 6	2	59 6	2	50 2	2	39 1
8		4	74 0	4	67 5	4	59 4	4	50 0	4	38 9
2		6	73 9	6	67 4	6	59 2	6	49 9	6	38 6
4		8	73 8	8	67 3	8	59 0	8	49 7	8	38 4
6		14	73 7	14	67 1	14	58 9	24	49 4	24	38 1
8		2	73 5	2	66 9	2	58 7	2	49 2	2	37 9
2		4	73 4	4	66 7	4	58 5	4	49 0	4	37 7
4		6	73 3	6	66 6	6	58 3	6	48 8	6	37 4
6		8	73 2	8	66 5	8	58 1	8	48 6	8	37 2
9		15	73 0	15	66 3	15	58 0	25	48 4	25	36 9
2		2	72 9	2	66 2	2	57 8	2	48 2	2	36 7
4		4	72 8	4	66 0	4	57 6	4	48 0	4	36 5
6		6	72 6	6	65 9	6	57 5	6	47 7	6	36 3
8		8	72 5	8	65 7	8	57 3	8	47 5	8	36 1
2		16	72 4	16	65 6	16	57 1	26	47 3	26	35 8
4		2	72 2	2	65 4	2	56 9	2	47 1	2	35 6
6		4	72 1	4	65 3	4	56 7	4	46 9	4	35 4
8		6	72 0	6	65 1	6	56 5	6	46 7	6	35 1
2		17	71 9	17	65 0	17	56 3	27	46 5	27	34 9
4		2	71 7	2	64 8	2	56 1	2	46 3	2	34 7
6		4	71 6	4	64 7	4	56 0	4	46 1	4	34 5
8		6	71 5	6	64 5	6	55 8	6	45 9	6	34 3
2		8	71 3	8	64 4	8	55 6	8	45 7	8	34 0
4		18	71 2	18	64 2	18	55 4	28	45 5	28	33 8
6		2	71 1	2	64 0	2	55 3	2	45 2	2	33 5
8		4	70 9	4	63 9	4	55 1	4	44 9	4	33 3
2		6	70 8	6	63 8	6	54 9	6	44 7	6	33 1
4		8	70 7	8	63 6	8	54 7	8	44 5	8	32 8
6		10	70 5	10	63 5	10	54 5	10	44 3	10	32 6
8		2	70 4	2	63 3	2	54 3	2	44 1	2	32 3
2		4	70 3	4	63 1	4	54 1	4	43 9	4	32 1
4		6	70 1	6	62 9	6	53 9	6	43 6	6	31 9
6		8	70 0	8	62 8	8	53 7	8	43 3	8	31 6
8		10	69 9	10	62 6	10	53 5	10	43 1	10	31 4
10		20	69 7	20	62 5	20	53 4	20	42 9	20	31 1

GLASS HYDROMETER.

Temperature 44° F.

Dive on Stem	Per cent over Proof	Dive on Stem	Per cent over Proof	Dive on Stem	Per cent over Proof	Dive on Stem	Per cent under Proof	Dive on Stem	Per cent under Proof	Dive on Stem	Per cent under Proof	Dive on Stem	Per cent under Proof
40	31 1	50	18 3	60	3 8	70	12 3	80	33 5	90	67 9		
12	30 9	12	18 0	2	3 5	12	12 7	2	34 0	2	69 7		
4	30 7	4	17 8	4	3 2	4	13 1	4	34 5	4	69 5		
0	30 5	0	17 5	0	2 9	0	13 4	0	35 0	0	70 3		
8	30 3	8	17 3	8	2 6	8	13 7	8	35 5	8	71 0		
41	30 0	51	17 0	61	2 3	71	14 1	81	36 0	91	71 7		
12	29 7	12	16 7	2	2 0	12	14 5	12	36 5	12	72 5		
4	29 5	4	16 4	4	1 7	4	14 9	4	37 0	4	73 2		
0	29 2	0	16 1	0	1 4	0	15 3	0	37 6	0	73 9		
8	29 0	8	15 8	8	1 1	8	15 7	8	38 2	8	73 7		
42	28 7	52	15 5	62	0 8	72	16 1	82	38 8	92	75 4		
12	28 4	12	15 2	2	0 5	12	16 5	12	39 4	12	76 1		
4	28 2	4	14 9	4	0 2	4	16 9	4	40 0	4	76 8		
6	27 9	6	14 7	6	0 1	6	17 2	6	40 6	6	77 5		
8	27 7	8	14 5	8	0 4	8	17 6	8	41 2	8	78 2		
43	27 5	53	14 2	63	0 7	73	18 0	83	41 8	93	79 0		
2	27 2	2	13 9	2	1 1	2	18 4	2	42 5	2	79 7		
4	26 9	4	13 6	4	1 4	4	18 8	4	43 1	4	80 4		
0	26 7	0	13 4	0	1 7	0	19 2	0	43 7	0	81 1		
8	26 5	8	13 1	8	2 0	8	19 6	8	44 3	8	81 8		
44	26 2	54	12 8	64	2 3	74	20 1	84	44 0	94	82 4		
12	25 9	12	12 5	2	2 7	12	20 5	12	45 5	12	83 1		
4	25 7	4	12 2	4	3 0	4	21 0	4	46 1	4	83 7		
6	25 4	6	11 9	6	3 3	6	21 4	6	46 8	6	84 4		
8	25 2	8	11 6	8	3 6	8	21 8	8	47 5	8	85 0		
45	24 9	55	11 3	65	3 9	75	22 2	85	48 2	95	85 7		
2	24 6	2	11 0	2	4 3	2	22 7	2	48 9	2	86 3		
4	24 3	4	10 7	4	4 8	4	23 2	4	49 7	4	86 9		
6	24 1	6	10 4	6	4 9	6	23 6	6	50 4	6	87 5		
8	23 0	8	10 1	8	5 2	8	24 0	8	51 2	8	88 1		
46	23 6	56	9 8	66	5 5	76	24 4	86	51 9	96	88 7		
2	23 3	2	9 5	2	5 9	2	24 9	2	52 7	2	89 3		
4	23 0	4	9 2	4	6 2	4	25 3	4	53 4	4	89 9		
6	22 7	6	8 9	6	6 6	6	25 7	6	54 2	6	90 5		
8	22 5	8	8 6	8	6 9	8	26 1	8	55 0	8	91 1		
47	22 2	57	8 3	67	7 3	77	26 5	87	55 8	97	91 7		
2	21 9	2	8 0	2	7 6	2	26 9	2	56 6	2	92 2		
4	21 7	4	7 7	4	7 9	4	27 3	4	57 4	4	92 8		
6	21 4	6	7 4	6	8 2	6	27 7	6	58 2	6	93 4		
8	21 1	8	7 1	8	8 5	8	28 1	8	59 1	8	93 9		
48	20 9	58	6 8	68	8 9	78	28 5	88	59 9	98	94 4		
2	20 6	2	6 5	2	9 2	2	28 9	2	60 7	2	95 0		
4	20 4	4	6 2	4	9 6	4	29 4	4	61 5	4	95 5		
6	20 1	6	5 9	6	9 9	6	29 8	6	62 4	6	96 1		
8	19 9	8	5 6	8	10 2	8	30 3	8	63 2	8	96 6		
49	19 7	59	5 3	69	10 6	79	30 8	89	64 0	99	97 2		
2	19 4	2	5 0	2	10 9	2	31 4	2	64 8	2	97 7		
4	19 1	4	4 7	4	11 3	4	31 9	4	65 6	4	98 2		
6	18 9	6	4 4	6	11 6	6	32 4	6	66 4	6	98 7		
8	18 6	8	4 1	8	11 9	8	33 0	8	67 1	8	99 2		
50	18 3	60	3 9	70	12 3	80	33 5	90	67 9	100	99 7		

GLASS HYDROMETER.

A

Temperature 45° F.

Divs on Stem A	Per cent. over Proof	Divs on Stem A	Per cent. over Proof	Divs on Stem	Per cent. over Proof	Divs on Stem	Per cent. over Proof	Divs on Stem	Per cent. over Proof	Divs on Stem	Per cent. over Proof
0		10		0	69 5	10	62 2	20	53 1	30	42 6
2		2		2	69 4	2	62 1	2	53 0	2	42 3
4		4		4	69 3	4	61 9	4	52 8	4	42 1
6		6		6	69 2	6	61 7	6	52 6	6	41 8
8		8		8	69 0	8	61 5	8	52 4	8	41 6
1		11		1	68 9	11	61 3	21	52 2	31	41 3
12		2	75 2	2	68 8	2	61 1	2	52 0	2	41 1
4		4	75 1	4	68 6	4	60 9	4	51 8	4	40 9
6		6	75 0	6	68 5	6	60 7	6	51 6	6	40 6
8		8	74 8	8	68 4	8	60 5	8	51 4	8	40 4
2		12		2	68 2	12	60 4	22	51 2	32	40 1
2		2	74 7	2	68 1	2	60 2	2	51 0	2	39 9
4		4	74 6	4	68 0	4	60 1	4	50 8	4	39 7
6		6	74 5	6	67 8	6	59 9	6	50 6	6	39 6
8		8	74 4	8	67 7	8	59 7	8	50 3	8	39 3
3		13		3	67 6	13	59 5	23	50 1	33	39 1
4		2	74 6	2	67 4	2	59 3	2	49 9	2	38 8
6		6	73 0	4	67 3	4	59 1	4	49 7	4	38 6
8		8	73 7	6	67 2	6	59 0	6	49 5	6	38 3
4		8	73 8	8	67 0	8	58 9	8	49 3	8	38 1
8		14		4	66 9	14	58 7	24	49 1	34	37 9
2		2	73 3	2	66 7	2	58 5	2	48 9	2	37 6
4		4	73 2	4	66 5	4	58 3	4	48 7	4	37 4
6		6	73 1	6	66 4	6	58 1	6	48 5	6	37 1
8		8	73 0	8	66 3	8	57 9	8	48 3	8	36 9
5		15		5	66 1	15	57 7	25	48 1	35	36 7
2		2	72 7	2	65 9	2	57 6	2	47 9	2	36 4
4		4	72 6	4	65 8	4	57 4	4	47 7	4	36 2
6		6	72 4	6	65 6	6	57 2	6	47 5	6	36 0
8		8	72 3	8	65 5	8	57 0	8	47 3	8	35 8
6		16		6	65 3	16	56 9	26	47 1	36	35 6
2		2	72 1	2	65 2	2	56 7	2	46 9	2	35 3
4		4	71 9	4	65 1	4	56 5	4	46 7	4	35 1
6		6	71 8	6	64 9	6	56 3	6	46 5	6	34 9
8		8	71 7	8	64 7	8	56 1	8	46 2	8	34 7
7		17		7	64 6	17	55 9	27	46 0	37	34 4
2		2	71 4	2	64 5	2	55 7	2	45 8	2	34 1
4		4	71 3	4	64 3	4	55 5	4	45 6	4	33 9
6		6	71 1	6	64 2	6	55 3	6	45 4	6	33 7
8		8	71 0	8	64 0	8	55 1	8	45 2	8	33 5
8		18		8	63 9	18	55 0	28	44 9	38	33 3
2		2	70 7	2	62 7	2	54 8	2	44 7	2	33 0
4		4	70 6	4	63 5	4	54 6	4	44 5	4	32 8
6		6	70 5	6	63 4	6	54 4	6	44 3	6	32 5
8		8	70 3	8	63 2	8	54 3	8	44 1	8	32 3
9		19		9	63 1	19	54 1	29	43 8	39	32 1
2		2	70 1	2	62 9	2	53 9	2	43 6	2	31 9
4		4	69 9	4	62 7	4	53 7	4	43 3	4	31 6
6		6	69 8	6	62 5	6	53 5	6	43 1	6	31 3
8		8	69 7	8	62 3	8	53 3	8	42 8	8	31 1
10		20		10	62 2	20	53 1	30	42 6	40	30 9

GLASS HYDROMETER.

Temperature 45° F.

Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent under Proof	Divs on Stem	Per cent under Proof	Divs on Stem	Per cent under Proof
40	30 9	50	18 0	60	3 4	70	12 7	80	33 7	90	68 1
12	30 6	2	17 7	12	3 1	12	13 0	12	34 12	12	68 9
4	30 4	4	17 4	4	2 8	4	13 4	4	34 8	4	69 7
8	30 1	6	17 1	6	2 5	6	13 8	6	35 3	6	70 5
16	29 9	8	16 9	8	2 2	8	14 12	8	35 8	8	71 12
24	29 7	10	16 6	10	1 9	10	14 6	10	36 3	10	71 9
32	29 4	12	16 3	12	1 6	12	14 9	12	36 8	12	72 6
40	29 1	14	16 0	14	1 3	14	15 3	14	37 1	14	73 3
48	28 9	16	15 7	16	1 0	16	15 7	16	38 0	16	74 0
56	28 7	18	15 4	18	0 7	18	16 1	18	38 6	18	74 8
64	28 4	20	15 1	20	0 4	20	16 5	20	39 2	20	75 5
72	28 1	22	14 9	22	0 1	22	16 9	22	39 8	22	76 2
80	27 9	24	14 7	24	0 1	24	17 3	24	40 4	24	76 9
88	27 7	26	14 4	26	0 5	26	17 7	26	41 0	26	77 6
96	27 5	28	14 1	28	0 8	28	18 1	28	41 6	28	78 4
104	27 2	30	13 9	30	1 1	30	18 6	30	42 3	30	79 1
112	26 9	32	13 6	32	1 4	32	18 9	32	42 9	32	79 8
120	26 6	34	13 3	34	1 7	34	19 3	34	43 5	34	80 4
128	26 4	36	13 0	36	2 0	36	19 7	36	44 1	36	81 1
136	26 1	38	12 7	38	2 3	38	20 1	38	44 7	38	81 8
144	25 9	40	12 4	40	2 6	40	20 5	40	45 2	40	82 6
152	25 6	42	12 1	42	3 0	42	21 0	42	46 0	42	83 1
160	25 3	44	11 8	44	3 3	44	21 4	44	46 6	44	83 8
168	25 0	46	11 5	46	3 6	46	21 8	46	47 3	46	84 4
176	24 8	48	11 2	48	3 9	48	22 2	48	48 0	48	85 1
184	24 4	50	10 9	50	4 3	50	22 6	50	48 7	50	85 7
192	24 3	52	10 6	52	4 6	52	23 1	52	49 4	52	86 4
200	24 0	54	10 3	54	4 9	54	23 6	54	50 2	54	87 0
208	23 8	56	10 0	56	5 2	56	24 0	56	50 9	56	87 6
216	23 5	58	9 7	58	5 5	58	24 4	58	51 7	58	88 2
224	23 3	60	9 4	60	5 9	60	24 8	60	52 4	60	88 8
232	23 0	62	9 1	62	6 2	62	25 2	62	53 2	62	89 4
240	22 7	64	8 8	64	6 6	64	25 6	64	53 9	64	90 0
248	22 4	66	8 5	66	6 9	66	26 0	66	54 7	66	90 6
256	22 2	68	8 2	68	7 3	68	26 4	68	55 4	68	91 2
264	21 9	70	7 9	70	7 6	70	26 8	70	56 2	70	91 7
272	21 6	72	7 6	72	7 9	72	27 2	72	57 0	72	92 3
280	21 3	74	7 3	74	8 2	74	27 6	74	57 8	74	92 8
288	21 1	76	7 0	76	8 5	76	28 0	76	58 6	76	93 4
296	20 9	78	6 7	78	8 9	78	28 4	78	59 4	78	94 0
304	20 6	80	6 4	80	9 2	80	28 9	80	60 2	80	94 5
312	20 3	82	6 1	82	9 6	82	29 4	82	61 0	82	95 0
320	20 1	84	5 8	84	9 9	84	29 8	84	61 8	84	95 6
328	19 8	86	5 5	86	10 2	86	30 2	86	62 6	86	96 1
336	19 6	88	5 2	88	10 6	88	30 7	88	63 4	88	96 7
344	19 3	90	4 9	90	10 9	90	31 2	90	64 2	90	97 2
352	19 1	92	4 6	92	11 3	92	31 7	92	65 0	92	97 7
360	18 8	94	4 3	94	11 7	94	32 2	94	65 8	94	98 3
368	18 5	96	4 0	96	12 0	96	32 7	96	66 6	96	98 8
376	18 3	98	3 7	98	12 3	98	33 2	98	67 3	98	99 3
384	18 0	100	3 4	100	12 7	100	33 7	100	68 1	100	99 8

GLASS HYDROMETER.

A

Temperature 46° F.

Divs on Stem A	Per cent over Proof	Divs on Stem A	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof
0		10		0	69.4	10	61.9	20	52.9	30	42.3		
1		11	75.2	1	69.1	11	61.8	21	52.7	31	42.0		
2		12	75.1	2	69.0	12	61.6	22	52.5	32	41.8		
3		13	75.0	3	68.9	13	61.4	23	52.3	33	41.5		
4		14	74.8	4	68.7	14	61.2	24	52.1	34	41.3		
5		15	74.6	5	68.5	15	61.0	25	51.9	35	41.0		
6		16	74.5	6	68.3	16	60.9	26	51.7	36	40.7		
7		17	74.4	7	68.2	17	60.7	27	51.5	37	40.5		
8		18	74.2	8	68.1	18	60.5	28	51.3	38	40.3		
9		19	74.1	9	67.9	19	60.3	29	51.1	39	40.1		
10		20	74.0	10	67.8	20	60.0	30	50.9	40	39.9		
11		21	73.9	11	67.7	21	59.8	31	50.7				
12		22	73.7	12	67.6	22	59.6	32	50.5				
13		23	73.6	13	67.5	23	59.5	33	50.3				
14		24	73.5	14	67.3	24	59.3	34	50.1				
15		25	73.3	15	67.1	25	59.1	35	49.9				
16		26	73.2	16	67.0	26	58.9	36	49.7				
17		27	73.1	17	66.8	27	58.7	37	49.5				
18		28	73.0	18	66.6	28	58.5	38	49.3				
19		29	72.9	19	66.5	29	58.4	39	49.1				
20		30	72.7	20	66.3	30	58.2	40	48.9				
		31	72.6	21	66.2	31	58.0	41	48.7				
		32	72.5	22	66.1	32	57.8	42	48.5				
		33	72.4	23	65.9	33	57.5	43	48.3				
		34	72.3	24	65.7	34	57.3	44	48.1				
		35	72.2	25	65.6	35	57.1	45	47.9				
		36	72.1	26	65.5	36	56.9	46	47.7				
		37	72.0	27	65.3	37	56.6	47	47.5				
		38	71.9	28	65.2	38	56.4	48	47.3				
		39	71.8	29	65.1	39	56.2	49	47.1				
		40	71.7	30	64.9	40	56.0	50	46.9				
		41	71.6	31	64.7	41	55.9	51	46.8				
		42	71.5	32	64.5	42	55.7	52	46.6				
		43	71.4	33	64.4	43	55.5	53	46.4				
		44	71.3	34	64.3	44	55.3	54	46.3				
		45	71.2	35	64.1	45	55.1	55	46.1				
		46	71.1	36	63.9	46	54.9	56	45.9				
		47	71.0	37	63.7	47	54.7	57	45.7				
		48	70.9	38	63.5	48	54.5	58	45.5				
		49	70.8	39	63.3	49	54.3	59	45.3				
		50	70.7	40	63.1	50	54.1	60	45.1				
		51	70.6	41	62.9	51	53.9	61	44.9				
		52	70.5	42	62.7	52	53.7	62	44.7				
		53	70.4	43	62.5	53	53.5	63	44.5				
		54	70.3	44	62.3	54	53.3	64	44.3				
		55	70.2	45	62.1	55	53.1	65	44.1				
		56	70.1	46	61.9	56	52.9	66	43.9				
		57	69.9	47	61.7	57	52.7	67	43.7				
		58	69.8	48	61.5	58	52.5	68	43.5				
		59	69.7	49	61.3	59	52.3	69	43.3				
		60	69.6	50	61.1	60	52.1	70	43.1				
		61	69.5	51	60.9	61	51.9	71	42.9				
		62	69.4	52	60.7	62	51.7	72	42.7				
		63	69.3	53	60.5	63	51.5	73	42.5				
		64	69.2	54	60.3	64	51.3	74	42.3				
		65	69.1	55	60.1	65	51.1	75	42.1				
		66	69.0	56	59.9	66	50.9	76	41.9				
		67	68.9	57	59.7	67	50.7	77	41.7				
		68	68.8	58	59.5	68	50.5	78	41.5				
		69	68.7	59	59.3	69	50.3	79	41.3				
		70	68.6	60	59.1	70	50.1	80	41.1				
		71	68.5	61	58.9	71	49.9	81	40.9				
		72	68.4	62	58.7	72	49.7	82	40.7				
		73	68.3	63	58.5	73	49.5	83	40.5				
		74	68.2	64	58.3	74	49.3	84	40.3				
		75	68.1	65	58.1	75	49.1	85	40.1				
		76	68.0	66	57.9	76	48.9	86	39.9				
		77	67.9	67	57.7	77	48.7	87	39.7				
		78	67.8	68	57.5	78	48.5	88	39.5				
		79	67.7	69	57.3	79	48.3	89	39.3				
		80	67.6	70	57.1	80	48.1	90	39.1				
		81	67.5	71	56.9	81	47.9	91	38.9				
		82	67.4	72	56.7	82	47.7	92	38.7				
		83	67.3	73	56.5	83	47.5	93	38.5				
		84	67.2	74	56.3	84	47.3	94	38.3				
		85	67.1	75	56.1	85	47.1	95	38.1				
		86	67.0	76	55.9	86	46.9	96	37.9				
		87	66.9	77	55.7	87	46.7	97	37.7				
		88	66.8	78	55.5	88	46.5	98	37.5				
		89	66.7	79	55.3	89	46.3	99	37.3				
		90	66.6	80	55.1	90	46.1	100	37.1				
		91	66.5	81	54.9	91	45.9		36.9				
		92	66.4	82	54.7	92	45.7		36.7				
		93	66.3	83	54.5	93	45.5		36.5				
		94	66.2	84	54.3	94	45.3		36.3				
		95	66.1	85	54.1	95	45.1		36.1				
		96	66.0	86	53.9	96	44.9		35.9				
		97	65.9	87	53.7	97	44.7		35.7				
		98	65.8	88	53.5	98	44.5		35.5				
		99	65.7	89	53.3	99	44.3		35.3				
		100	65.6	90	53.1	100	44.1		35.1				
			65.5	91	52.9		43.9		34.9				
			65.4	92	52.7		43.7		34.7				
			65.3	93	52.5		43.5		34.5				
			65.2	94	52.3		43.3		34.3				
			65.1	95	52.1		43.1		34.1				
			65.0	96	51.9		42.9		33.9				
			64.9	97	51.7		42.7		33.7				
			64.8	98	51.5		42.5		33.5				
			64.7	99	51.3		42.3		33.3				
			64.6	100	51.1		42.1		33.1				
			64.5		50.9		41.9		32.9				
			64.4		50.7		41.7		32.7				
			64.3		50.5		41.5		32.5				
			64.2		50.3		41.3		32.3				
			64.1		50.1		41.1		32.1				
			64.0		49.9		40.9		31.9				
			63.9		49.7		40.7		31.7				
			63.8		49.5		40.5		31.5				
			63.7		49.3		40.3		31.3				
			63.6		49.1		40.1		31.1				
			63.5		48.9		39.9		30.9				
			63.4		48.7		39.7		30.7				
			63.3		48.5		39.5		30.5				
			63.2		48.3		39.3		30.3				
			63.1		48.1		39.1		30.1				
			63.0		47.9		38.9		29.9				
			62.9		47.7		38.7		29.7				
			62.8		47.5		38.5		29.5				
			62.7		47.3		38.3		29.3				
			62.6		47.1		38.1		29.1				
			62.5		46.9		37.9		28.9				
			62.4		46.7		37.7		28.7				
			62.3		46.5		37.5		28.5				
			62.2		46.3		37.3		28.3				
			62.1		46.1		37.1		28.1				
			62.0		45.9		36.9		27.9				
			61.9		45.7		36.7		27.7				
			61.8		45.5		36.5		27.5				
			61.7		45.3		36.3		27.3				
			61.6		45.1		36.1		27.1				
			61.5		44.9		35.9		26.9				
			61.4		44.7		35.7		26.7				

GLASS HYDROMETER.
Temperature 46° F.

Dive on Stem	Per cent over Proof	Dive on Stem	Per cent over Proof	Dive on Stem	Per cent over Proof	Dive on Stem	Per cent under Proof	Dive on Stem	Per cent under Proof	Dive on Stem	Per cent under Proof
40	30 6	50	17 7	60	3 1	70	13 0	80	34 2	90	68 3
2	30 3	2	17 4	2	2 8	2	13 4	2	34 8	2	69 1
4	30 1	4	17 1	4	2 5	4	13 8	4	35 3	4	69 8
6	29 8	6	16 8	6	2 2	6	14 1	6	35 8	6	70 6
8	29 6	8	16 6	8	1 9	8	14 3	8	36 3	8	71 3
41	29 3	51	16 3	61	1 6	71	14 9	81	36 8	91	72 0
2	29 0	2	16 0	2	1 3	2	15 3	2	37 3	2	72 7
4	28 8	4	15 7	4	1 0	4	15 0	4	37 9	4	73 4
6	28 6	6	15 4	6	0 7	6	10 4	6	38 5	6	74 2
8	28 3	8	15 1	8	0 4	8	10 4	8	39 1	8	74 9
42	28 1	52	14 9	62	0 1	72	16 8	82	39 7	92	75 6
2	27 8	2	14 6	2	0 2	2	17 2	2	40 3	2	76 3
4	27 6	4	14 3	4	0 5	4	17 0	4	40 0	4	77 0
6	27 3	6	14 0	6	0 8	6	18 0	6	41 5	6	77 7
8	27 1	8	13 8	8	1 1	8	18 4	8	42 1	8	78 4
43	26 9	53	13 5	63	1 4	73	18 8	83	42 7	93	79 1
2	26 6	2	13 2	2	1 8	2	19 2	2	43 3	2	79 8
4	26 3	4	12 9	4	2 1	4	19 0	4	43 9	4	80 5
6	26 1	6	12 6	6	2 4	6	20 0	6	44 5	6	81 2
8	25 8	8	12 4	8	2 7	8	20 4	8	45 1	8	81 8
44	25 5	54	12 1	64	3 0	74	20 9	84	45 8	94	82 5
2	25 3	2	11 8	2	3 3	2	21 4	2	46 4	2	83 2
4	25 0	4	11 5	4	3 7	4	21 8	4	47 1	4	83 8
6	24 7	6	11 2	6	4 0	6	22 2	6	47 8	6	84 4
8	24 5	8	10 9	8	4 3	8	22 6	8	48 5	8	85 1
45	24 3	55	10 6	65	4 6	75	23 1	85	49 2	95	85 8
2	24 0	2	10 3	2	4 9	2	23 5	2	49 9	2	86 5
4	23 7	4	10 0	4	5 2	4	24 0	4	50 7	4	87 0
6	23 4	6	9 7	6	5 6	6	24 4	6	51 4	6	87 6
8	23 2	8	9 4	8	5 9	8	24 8	8	52 2	8	88 2
46	22 9	56	9 1	66	6 2	76	25 2	86	52 9	96	88 8
2	22 6	2	8 8	2	6 6	2	25 6	2	53 7	2	89 4
4	22 4	4	8 5	4	6 9	4	26 0	4	54 4	4	90 0
6	22 1	6	8 2	6	7 3	6	26 4	6	55 1	6	90 6
8	21 8	8	7 9	8	7 6	8	26 8	8	55 9	8	91 2
47	21 6	57	7 6	67	7 9	77	27 2	87	56 7	97	91 7
2	21 3	2	7 3	2	8 3	2	27 6	2	57 5	2	92 2
4	21 0	4	7 0	4	8 6	4	28 0	4	58 3	4	92 8
6	20 8	6	6 7	6	8 9	6	28 4	6	59 1	6	93 4
8	20 5	8	6 4	8	9 2	8	28 8	8	59 8	8	93 9
48	20 3	58	6 1	68	9 6	78	29 2	88	60 5	98	94 4
2	20 0	2	5 8	2	9 9	2	29 7	2	61 3	2	95 0
4	19 8	4	5 5	4	10 3	4	30 2	4	62 1	4	95 5
6	19 5	6	5 2	6	10 6	6	30 7	6	62 9	6	96 0
8	19 3	8	4 9	8	10 9	8	31 2	8	63 0	8	96 6
49	19 0	59	4 6	69	11 3	79	31 7	89	64 4	99	97 1
2	18 7	2	4 3	2	11 7	2	32 2	2	65 2	2	97 7
4	18 4	4	4 0	4	12 0	4	32 7	4	66 0	4	98 2
6	18 2	6	3 7	6	12 3	6	33 2	6	66 8	6	98 7
8	17 9	8	3 4	8	12 7	8	33 7	8	67 5	8	99 3
50	17 7	60	3 1	70	13 0	80	34 2	90	68 3	100	99 8

GLASS HYDROMETER

A

Temperature 47° F

Divs on Stem A	Per cent over Proof	Divs on Stem A	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof
0		10		0	69.2	10	61.7	20	52.6	30	42.0		
2		12		2	69.0	12	61.5	22	52.4	32	41.7		
4		14		4	68.9	14	61.3	24	52.3	34	41.5		
6		16	75.2	6	68.8	16	61.2	26	52.1	36	41.2		
8		18	75.1	8	68.7	18	61.0	28	51.9	38	41.0		
1		11	75.0	1	68.5	11	60.8	21	51.7	71	40.7		
2		12	74.8	2	68.4	12	60.7	22	51.5	72	40.5		
4		14	74.7	4	68.3	14	60.6	24	51.3	74	40.3		
6		16	74.6	6	68.1	16	60.3	26	51.1	76	40.0		
8		18	74.5	8	68.0	18	60.1	28	50.9	78	39.8		
2		12	74.4	2	67.9	12	60.9	22	50.7	32	39.6		
4		14	74.2	4	67.7	14	60.7	24	50.5	34	39.4		
6		16	74.1	6	67.6	16	59.6	26	50.2	36	39.1		
8		18	74.0	8	67.4	18	59.4	28	50.0	38	38.9		
3		13	73.9	3	67.3	13	59.3	30	49.8	40	38.7		
4		14	73.7	4	67.2	14	59.1	32	49.6	33	38.5		
6		16	73.6	6	67.1	16	58.9	34	49.4	34	38.2		
8		18	73.5	8	66.9	18	58.7	36	49.2	36	38.0		
2		12	73.3	2	66.8	12	58.5	38	49.0	37	37.7		
4		14	73.2	4	66.6	14	58.3	40	48.8	38	37.5		
6		16	73.1	6	66.4	16	58.1	42	48.6	39	37.3		
8		18	73.0	8	66.3	18	58.0	44	48.4	40	37.0		
5		1	72.8	1	66.2	1	57.9	46	48.2	42	36.8		
6		2	72.7	2	66.0	2	57.6	48	48.0	44	36.5		
8		4	72.6	4	65.8	4	57.4	50	47.9	46	36.3		
5		1	72.4	5	65.7	5	57.3	52	47.6	48	36.1		
6		2	72.3	6	65.5	6	57.1	54	47.4	50	35.9		
8		4	72.2	8	65.4	8	56.9	56	47.2	52	35.7		
6		6	72.1	6	65.2	6	56.7	58	47.0	54	35.5		
8		8	71.9	8	65.1	8	56.5	60	46.8	56	35.3		
6		10	71.8	6	64.9	10	56.3	62	46.5	58	35.0		
8		12	71.7	8	64.8	12	56.2	64	46.3	60	34.7		
6		14	71.6	6	64.7	14	56.0	66	46.1	62	34.5		
8		16	71.4	8	64.5	16	55.8	68	45.9	64	34.3		
6		18	71.3	6	64.3	18	55.6	70	45.7	66	34.1		
8		20	71.1	8	64.2	20	55.4	72	45.5	68	33.9		
6		17	71.0	6	64.1	17	55.3	74	45.3	70	33.6		
8		19	70.9	8	63.9	19	55.1	76	45.1	72	33.4		
6		21	70.7	6	63.7	21	54.9	78	44.8	74	33.1		
8		23	70.6	8	63.6	23	54.7	80	44.6	76	32.9		
6		25	70.5	6	63.5	25	54.5	82	44.3	78	32.7		
8		27	70.4	8	63.3	27	54.3	84	44.1	80	32.4		
6		29	70.2	6	63.1	29	54.1	86	43.9	82	32.2		
8		31	70.1	8	62.9	31	53.9	88	43.7	84	32.0		
6		33	70.0	6	62.7	33	53.8	90	43.5	86	31.7		
8		35	69.8	8	62.6	35	53.6	92	43.3	88	31.5		
6		37	69.7	6	62.5	37	53.4	94	43.1	90	31.2		
8		39	69.6	8	62.3	39	53.2	96	42.9	92	31.0		
6		41	69.4	6	62.1	41	53.0	98	42.7	94	30.7		
8		43	69.3	8	61.9	43	52.8	100	42.5	96	30.5		
10		45	69.2	10	61.7	45	52.6		42.0	98	30.3		

GLASS HYDROMETER

Temperature 47° F

Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof	Days on Stem	Per cent under Proof	Days on Stem	Per cent under Proof	Days on Stem	Per cent under Proof	Days on Stem	Per cent under Proof
40	30 3	50	17 3	60	2 8	70	13 4	80	34 7	90	68 5		
41	30 0		17 1		17 1		13 8		35 2		69 3		
42	29 8		16 8		16 8		14 2		35 7		70 0		
43	29 5		16 5		16 5		14 5		36 2		70 7		
44	29 3		16 3		16 3		14 8		36 7		71 4		
45	29 0		15 9		15 9		15 2		37 2		72 1		
46	28 7		15 6		15 6		15 6		37 8		72 8		
47	28 5		15 3		15 3		16 0		38 4		73 6		
48	28 3		15 0		15 0		16 4		38 9		74 3		
49	28 0		14 8		14 8		16 8		39 5		75 0		
50							17 2		40 1		75 7		
51	27 8		14 5		14 5		17 6		40 7		76 4		
52	27 5		14 3		14 3		18 0		41 3		77 1		
53	27 3		14 0		14 0		18 4		41 9		77 8		
54	27 1		13 7		13 7		18 7		42 5		78 5		
55	26 8		13 5		13 5		19 1		43 1		79 2		
56	26 6		13 2		13 2		19 5		43 7		79 9		
57	26 3		12 9		12 9		20 0		44 3		80 6		
58	26 0		12 6		12 6		20 4		44 9		81 3		
59	25 8		12 3		12 3		20 9		45 5		81 9		
60	25 5		12 0		12 0		21 3		46 2		82 6		
61	25 2		11 7		11 7		21 8		46 8		83 3		
62	25 0		11 4		11 4		22 2		47 5		83 8		
63	24 7		11 1		11 1		22 6		48 1		84 5		
64	24 4		10 8		10 8		23 0		48 7		85 1		
65	24 2		10 5		10 5		23 5		49 4		85 7		
66	24 0		10 2		10 2		23 9		50 1		86 4		
67	23 7		9 9		9 9		24 4		50 7		87 0		
68	23 4		9 6		9 6		24 8		51 4		87 6		
69	23 1		9 3		9 3		25 2		52 1		88 3		
70	22 9		9 0		9 0		25 6		52 7		88 9		
71	22 6		8 7		8 7		26 0		53 4		89 6		
72	22 3		8 4		8 4		26 4		54 1		90 3		
73	22 0		8 1		8 1		26 8		54 8		91 0		
74	21 8		7 8		7 8		27 2		55 5		91 7		
75	21 5		7 5		7 5		27 6		56 2		92 4		
76	21 3		7 2		7 2		28 0		56 9		93 1		
77	21 0		6 9		6 9		28 4		57 6		93 8		
78	20 7		6 6		6 6		28 8		58 3		94 5		
79	20 5		6 3		6 3		29 2		59 0		95 2		
80	20 3		6 0		6 0		29 7		59 7		95 9		
81	20 0		5 7		5 7		30 2		60 4		96 6		
82	19 7		5 4		5 4		30 7		61 1		97 3		
83	19 4		5 1		5 1		31 2		61 8		98 0		
84	19 2		4 8		4 8		31 7		62 5		98 7		
85	19 0		4 5		4 5		32 2		63 2		99 4		
86	18 7		4 2		4 2		32 7		63 9		100 1		
87	18 4		3 9		3 9		33 2		64 6				
88	18 1		3 6		3 6		33 7		65 3				
89	17 9		3 3		3 3		34 2		66 0				
90	17 6		3 1		3 1		34 7		66 7				
91	17 3		2 8		2 8				67 4				
92									68 1				
93									68 8				
94									69 5				
95									70 2				
96									70 9				
97									71 6				
98									72 3				
99									73 0				
100									73 7				

GLASS HYDROMETER.

A

Temperature 48° F.

Divs on Stem A	Per cent. over Proof	Divs on Stem A	Per cent. over Proof	Divs on Stem	Per cent. over Proof	Divs on Stem	Per cent. over Proof	Divs on Stem	Per cent. over Proof	Divs on Stem	Per cent. over Proof
0		10		0	69 0	10	61 5	20	52 4	30	41 7
1		11		1	68 8	11	61 3	21	52 2	31	41 4
2		12		2	68 7	12	61 1	22	52 0	32	41 1
3		13		3	68 6	13	60 9	23	51 8	33	40 9
4		14		4	68 5	14	60 7	24	51 6	34	40 7
5		15		5	68 3	15	60 6	25	51 4	35	40 4
6		16		6	68 2	16	60 5	26	51 2	36	40 2
7		17		7	68 1	17	60 3	27	51 0	37	40 0
8		18		8	67 0	18	60 1	28	50 8	38	39 7
9		19		9	67 8	19	59 9	29	50 6	39	39 5
10		20		10	67 7	20	59 7	30	50 4	40	39 3
					67 5		59 5		50 2		39 1
					67 4		59 3		49 9		38 8
					67 2		59 1		49 7		38 6
					67 1		59 0		49 5		38 3
					67 0		58 8		49 3		38 1
					66 9		58 7		49 1		37 9
					66 7		58 5		49 0		37 7
					66 6		58 3		48 7		37 4
					66 4		58 1		48 5		37 2
					66 3		57 9		48 3		36 9
					66 1		57 7		48 1		36 7
					65 9		57 5		47 9		36 5
					65 8		57 4		47 7		36 3
					65 6		57 2		47 5		36 1
					65 5		57 1		47 3		35 9
					65 3		56 9		47 1		35 6
					65 2		56 7		46 9		35 4
					65 1		56 5		46 7		35 2
					64 9		56 3		46 5		35 0
					64 8		56 1		46 3		34 7
					64 7		55 9		46 1		34 5
					64 5		55 7		45 8		34 3
					64 3		55 5		45 6		34 0
					64 1		55 3		45 4		33 8
					64 0		55 2		45 2		33 5
					63 9		55 0		45 0		33 3
					63 7		54 8		44 7		33 1
					63 5		54 7		44 5		32 8
					63 4		54 5		44 3		32 6
					63 2		54 3		44 1		32 3
					63 1		54 1		43 8		32 1
					62 9		53 9		43 6		31 9
					62 7		53 7		43 3		31 7
					62 5		53 5		43 1		31 5
					62 4		53 3		42 8		31 2
					62 2		53 1		42 6		30 9
					62 0		52 9		42 3		30 7
					61 9		52 8		42 1		30 5
					61 7		52 6		41 9		30 3
					61 5		52 4		41 7		30 0

GLASS HYDROMETER.

Temperature 48° F.

[illegible]

GLASS HYDROMETER.

A

Temperature 49° F.

Divs on Stem A	Per cent over Proof	Divs on Stem A	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof
0		10	75 2	0	68 8	10	61 3	20	52 1	30	41 3		
2		2	75 1	2	68 6	2	61 1	2	51 9	4	41 1		
4		4	75 0	4	68 5	4	60 9	4	51 7	6	40 9		
6		6	74 8	6	68 4	6	60 7	6	51 5	8	40 6		
8		8	74 7	8	68 3	8	60 5	8	51 3	10	40 4		
1		11	74 6	1	68 1	11	60 3	11	51 1	31	40 1		
12		2	74 5	2	68 0	2	60 2	2	50 9	2	39 9		
4		4	74 4	4	67 9	4	60 0	4	50 7	4	39 7		
6		6	74 2	6	67 7	6	59 9	6	50 5	6	39 5		
8		8	74 1	8	67 6	8	59 7	8	50 3	8	39 3		
12		12	74 0	2	67 5	12	59 5	22	50 1	32	39 0		
2		2	73 9	2	67 3	2	59 3	2	49 9	2	38 8		
4		4	73 7	4	67 2	4	59 1	4	49 7	4	38 5		
6		6	73 6	6	67 1	6	58 9	6	49 5	6	38 3		
8		8	73 5	8	67 0	8	58 7	8	49 3	8	38 1		
3		13	73 3	3	66 9	13	58 5	23	49 1	23	37 9		
12		2	73 2	2	66 7	2	58 4	2	48 9	2	37 6		
4		4	73 1	4	66 5	4	58 2	4	48 7	4	37 4		
6		6	73 0	6	66 3	6	58 1	6	48 5	6	37 1		
8		8	72 8	8	66 2	8	57 9	8	48 3	8	36 8		
4		14	72 7	4	66 1	14	57 7	24	48 1	34	36 7		
2		2	72 6	2	65 9	2	57 5	2	47 9	2	36 4		
4		4	72 4	4	65 7	4	57 3	4	47 7	4	36 2		
6		6	72 3	6	65 6	6	57 1	6	47 5	6	36 0		
8		8	72 2	8	65 4	8	56 9	8	47 3	8	35 9		
5		15	72 0	5	65 1	15	56 8	25	47 1	35	35 5		
2		2	71 9	2	65 1	2	56 6	2	46 9	2	35 3		
4		4	71 8	4	65 0	4	56 4	4	46 7	4	35 1		
6		6	71 7	6	64 9	6	56 2	6	46 4	6	34 9		
8		8	71 5	8	64 7	8	56 0	8	46 2	8	34 7		
6		10	71 4	6	64 6	16	55 9	26	46 0	36	34 4		
2		2	71 3	2	64 4	2	55 7	2	45 8	2	34 2		
4		4	71 1	4	64 3	4	55 5	4	45 5	4	34 0		
6		6	71 0	6	64 1	6	55 3	6	45 3	6	33 7		
8		8	70 9	8	63 9	8	55 1	8	45 1	8	33 5		
7		17	70 7	7	63 8	17	54 9	27	44 9	37	33 3		
2		2	70 6	2	63 7	2	54 8	2	44 7	2	33 1		
4		4	70 5	4	63 5	4	54 6	4	44 5	4	32 8		
6		6	70 3	6	63 3	6	54 4	6	44 3	6	32 5		
8		8	70 2	8	63 1	8	54 2	8	44 1	8	32 3		
8		18	70 1	8	63 0	18	54 0	28	43 8	38	32 1		
2		2	69 9	2	62 9	2	53 8	2	43 5	2	31 8		
4		4	69 8	4	62 7	4	53 7	4	43 3	4	31 6		
6		6	69 7	6	62 5	6	53 5	6	43 0	6	31 3		
8		8	69 6	8	62 3	8	53 3	8	42 8	8	31 1		
9		19	69 4	9	62 1	19	53 1	29	42 5	39	30 9		
2		2	69 3	2	62 0	2	52 9	2	42 3	2	30 6		
4		4	69 2	4	61 8	4	52 7	4	42 1	4	30 4		
6		6	69 0	6	61 6	6	52 5	6	41 8	6	30 1		
8		8	68 9	8	61 4	8	52 3	8	41 5	8	29 9		
10		20	68 8	10	61 3	20	52 1	30	41 3	10	29 7		

Temperature 49° F.

Dive on Stem.	Per cent over Proof	Dive on Stem	Per cent over Proof	Dive on Stem	Per cent over Proof	Dive on Stem	Per cent under Proof	Dive on Stem	Per cent under Proof	Dive on Stem	Per cent under Proof	Dive on Stem	Per cent under Proof
10	25 7	50	16 7	5	2 0	70	14 1	80	35 5	90	68 0		
2	25 4	2	16 4	2	1 7	2	14 5	2	36 0	2	69 7		
4	25 2	4	16 1	4	1 4	4	14 9	4	36 5	4	70 4		
6	25 0	6	15 8	6	1 1	6	15 2	6	37 0	6	71 0		
8	24 6	8	15 6	8	0 8	8	15 6	8	37 5	8	71 7		
11	24 4	51	15 3	61	0 5	71	16 0	81	38 1	91	72 4		
2	24 1	2	15 0	2	0 2	2	16 4	2	38 6	2	73 1		
4	23 9	4	14 7	4	0 1	4	16 8	4	39 2	4	73 8		
6	23 7	6	14 5	6	0 4	6	17 1	6	39 7	6	74 5		
8	23 4	8	14 3	8	0 7	8	17 5	8	40 3	8	75 2		
42	23 2	52	13 9	62	1 0	72	17 9	82	40 9	92	75 9		
2	23 0	2	13 7	2	1 3	2	18 3	2	41 5	2	76 6		
4	22 7	4	13 4	4	1 6	4	18 7	4	42 1	4	77 3		
6	22 5	6	13 1	6	1 9	6	19 0	6	42 8	6	78 0		
8	22 3	8	12 8	8	2 2	8	19 4	8	43 4	8	78 7		
43	22 0	53	12 5	63	2 5	73	19 9	83	44 0	93	79 4		
2	21 7	2	12 2	2	2 8	2	20 3	2	44 6	2	80 0		
4	21 4	4	11 9	4	3 1	4	20 8	4	45 2	4	80 7		
6	21 2	6	11 6	6	3 4	6	21 2	6	45 8	6	81 4		
8	21 0	8	11 3	8	3 7	8	21 7	8	46 4	8	82 0		
44	21 0	54	11 0	64	4 0	74	22 1	84	47 0	94	82 7		
2	20 7	2	10 7	2	4 4	2	22 6	2	47 6	2	83 3		
4	20 4	4	10 4	4	4 7	4	23 0	4	48 3	4	83 9		
6	20 3	6	10 1	6	5 0	6	23 4	6	49 0	6	84 5		
8	20 0	8	9 8	8	5 3	8	23 8	8	49 7	8	85 2		
45	20 0	55	9 5	65	5 6	75	24 2	85	50 4	95	85 8		
2	19 7	2	9 2	2	6 0	2	24 6	2	51 2	2	86 4		
4	19 5	4	8 9	4	6 3	4	25 0	4	51 9	4	87 1		
6	19 3	6	8 6	6	6 6	6	25 4	6	52 6	6	87 7		
8	19 2	8	8 3	8	6 9	8	25 8	8	53 4	8	88 3		
46	19 0	56	8 0	66	7 3	76	26 2	86	54 1	96	88 9		
2	18 7	2	7 7	2	7 6	2	26 6	2	54 8	2	89 4		
4	18 5	4	7 4	4	7 9	4	27 0	4	55 5	4	90 0		
6	18 3	6	7 1	6	8 3	6	27 4	6	56 2	6	90 6		
8	18 0	8	6 8	8	8 6	8	27 8	8	56 9	8	91 2		
47	18 0	57	6 5	67	8 9	77	28 2	87	57 7	97	91 7		
2	17 7	2	6 2	2	9 3	2	28 6	2	58 4	2	92 2		
4	17 4	4	5 9	4	9 6	4	29 0	4	59 2	4	92 8		
6	17 3	6	5 6	6	9 9	6	29 5	6	59 9	6	93 4		
8	17 0	8	5 3	8	10 2	8	30 0	8	60 6	8	93 9		
48	16 4	58	5 0	68	10 6	78	30 5	88	61 3	98	94 4		
2	16 1	2	4 7	2	11 0	2	31 0	2	62 1	2	95 0		
4	15 8	4	4 4	4	11 3	4	31 5	4	62 9	4	95 5		
6	15 6	6	4 1	6	11 6	6	32 0	6	63 6	6	96 1		
8	15 4	8	3 8	8	12 0	8	32 5	8	64 3	8	96 6		
49	15 1	59	3 5	69	12 4	79	33 0	89	65 0	99	97 2		
2	14 8	2	3 2	2	12 7	2	33 5	2	65 8	2	97 7		
4	14 5	4	2 9	4	13 1	4	34 0	4	66 6	4	98 3		
6	14 3	6	2 6	6	13 4	6	34 5	6	67 4	6	98 8		
8	14 0	8	2 3	8	13 7	8	35 0	8	68 1	8	99 3		
50	13 7	60	2 0	70	14 1	80	35 5	90	68 9	100	99 9		

GLASS HYDROMETER.

A

Temperature 50° F.

Divs on Stem A	Per cent over Proof	Divs on Stem A	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof
0		10	75 1	0	68 6	10	61 0	20	51 9	30	41 0
2		2	75 0	2	68 4	2	60 9	2	51 7	2	40 7
4		4	74 8	4	68 2	4	60 7	4	51 5	4	40 5
6		6	74 7	6	68 2	6	60 5	6	51 3	6	40 3
8		8	74 6	8	68 1	8	60 3	8	51 1	8	40 1
1		11	74 5	1	67 9	11	60 1	21	50 0	31	39 9
2		2	74 4	2	67 8	2	59 9	2	50 7	2	39 6
4		4	74 2	4	67 7	4	59 7	4	50 5	4	39 4
6		6	74 1	6	67 5	6	59 6	6	50 3	6	39 1
8		8	74 0	8	67 4	8	59 4	8	50 1	8	38 0
2		12	73 9	2	67 3	12	59 3	22	49 8	32	38 7
2		2	73 7	2	67 1	2	59 1	2	49 6	2	38 5
4		4	73 6	4	67 0	4	58 9	4	49 4	4	38 2
6		6	73 5	6	66 9	6	58 7	6	49 2	6	38 0
8		8	73 3	8	66 7	8	58 5	8	49 0	8	37 7
3		13	73 2	3	66 6	13	58 3	23	48 8	33	37 5
2		2	73 1	2	66 5	2	58 1	2	48 6	2	37 3
4		4	73 0	4	66 3	4	57 9	4	48 4	4	37 1
6		6	72 8	6	66 1	6	57 8	6	48 2	6	36 0
8		8	72 7	8	66 0	8	57 6	8	48 0	8	36 7
4		14	72 6	4	65 9	14	57 5	24	47 8	34	36 4
2		2	72 4	2	65 7	2	57 3	2	47 6	2	36 1
4		4	72 3	4	65 5	4	57 1	4	47 4	4	35 0
6		6	72 2	6	65 4	6	56 9	6	47 2	6	35 7
8		8	72 1	8	65 2	8	56 7	8	47 0	8	35 5
5		15	71 0	5	65 1	15	56 5	25	46 8	35	35 3
2		2	71 8	2	64 9	2	56 4	2	46 6	2	35 1
4		4	71 7	4	64 8	4	56 2	4	46 4	4	34 9
6		6	71 5	6	64 6	6	56 0	6	46 1	6	34 6
8		8	71 4	8	64 5	8	55 8	8	45 9	8	34 4
6		16	71 3	6	64 3	16	55 6	26	45 7	36	34 1
2		2	71 1	2	64 2	2	55 5	2	45 5	2	33 9
4		4	71 0	4	64 1	4	55 3	4	45 3	4	33 7
6		6	70 9	6	63 9	6	55 1	6	45 1	6	33 4
8		8	70 7	8	63 7	8	54 9	8	44 8	8	33 2
7		17	70 6	7	63 6	17	54 7	27	44 6	37	32 0
2		2	70 5	2	63 5	2	54 5	2	44 4	2	32 7
4		4	70 3	4	63 3	4	54 3	4	44 2	4	32 5
6		6	70 2	6	63 1	6	54 1	6	43 9	6	32 3
8		8	70 1	8	62 9	8	53 9	8	43 7	8	32 1
8		18	69 9	8	62 7	18	53 8	28	43 5	38	31 8
2		2	69 8	2	62 6	2	53 6	2	43 2	2	31 5
4		4	69 6	4	62 4	4	53 4	4	43 0	4	31 3
6		6	69 5	6	62 3	6	53 2	6	42 7	6	31 1
8		8	69 4	8	62 1	8	53 1	8	42 5	8	30 9
9		19	69 2	9	61 9	19	52 9	29	42 2	39	30 6
2		2	69 1	2	61 7	2	52 7	2	42 0	2	30 3
4		4	68 9	4	61 5	4	52 5	4	41 7	4	30 1
6		6	68 8	6	61 3	6	52 3	6	41 5	6	29 9
8		8	68 7	8	61 1	8	52 1	8	41 2	8	29 6
10	75 2	20	68 6	10	61 0	20	51 9	30	41 0	40	29 3

GLASS HYDROMETER.

Temperature 50° F.

Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof	Days on Stem	Per cent under Proof	Days on Stem	Per cent under Proof	Days on Stem	Per cent under Proof	Days on Stem	Per cent under Proof	Days on Stem	Per cent under Proof
40	29 3	50	16 3	60	1 6	70	14 6	80	35 0	90	69 1				
2	29 1	2	16 0	2	1 3	2	14 9	2	35 0	2	69 1				
4	28 9	4	15 8	4	1 0	4	15 3	4	36 4	4	69 9				
6	28 6	6	15 5	6	0 7	6	15 6	6	36 9	6	70 6				
8	28 4	8	15 2	8	0 4	8	15 9	8	37 4	8	71 2				
41	28 1	51	14 9	61	0 1	71	16 3	81	37 9	91	71 9				
2	27 9	2	14 7	2	0 2	2	16 7	2	38 5	2	72 6				
4	27 7	4	14 4	4	0 5	4	17 1	4	39 0	4	73 3				
6	27 4	6	14 1	6	0 8	6	17 5	6	39 6	6	74 0				
8	27 2	8	13 8	8	1 1	8	17 9	8	40 1	8	74 7				
42	26 9	52	13 5	62	1 4	72	18 3	82	40 7	92	75 4				
2	26 6	2	13 2	2	1 7	2	18 7	2	41 3	2	76 1				
4	26 4	4	12 9	4	2 0	4	19 1	4	41 9	4	76 7				
6	26 1	6	12 6	6	2 3	6	19 4	6	42 5	6	77 4				
8	25 9	8	12 4	8	2 6	8	19 9	8	43 1	8	78 1				
43	25 6	53	12 1	63	2 9	73	20 3	83	43 7	93	78 8				
2	25 3	2	11 8	2	3 2	2	20 7	2	44 3	2	79 5				
4	25 1	4	11 5	4	3 5	4	21 2	4	44 9	4	80 1				
6	24 9	6	11 2	6	3 8	6	21 6	6	45 5	6	80 8				
8	24 6	8	10 9	8	4 1	8	22 1	8	46 1	8	81 4				
44	24 3	54	10 6	64	4 4	74	22 5	84	46 7	94	82 1				
2	24 0	2	10 3	2	4 7	2	23 0	2	47 4	2	82 8				
4	23 8	4	10 0	4	5 1	4	23 4	4	48 0	4	83 4				
6	23 5	6	9 7	6	5 4	6	23 8	6	48 7	6	84 0				
8	23 2	8	9 4	8	5 7	8	24 2	8	49 4	8	84 6				
45	22 9	55	9 1	65	6 0	75	24 6	85	50 2	95	85 2				
2	22 7	2	8 8	2	6 3	2	25 0	2	50 9	2	85 8				
4	22 4	4	8 5	4	6 6	4	25 4	4	51 6	4	86 4				
6	22 1	6	8 2	6	6 9	6	25 8	6	52 3	6	87 1				
8	21 9	8	7 9	8	7 2	8	26 2	8	53 0	8	87 7				
46	21 6	56	7 6	66	7 6	76	26 6	86	53 7	96	88 3				
2	21 3	2	7 3	2	7 9	2	27 0	2	54 4	2	88 9				
4	21 1	4	7 0	4	8 3	4	27 4	4	55 1	4	89 5				
6	20 9	6	6 7	6	8 6	6	27 8	6	55 8	6	90 1				
8	20 7	8	6 4	8	8 9	8	28 2	8	56 5	8	90 7				
47	20 4	57	6 1	67	9 3	77	28 6	87	57 2	97	91 2				
2	20 1	2	5 8	2	9 6	2	29 0	2	57 9	2	91 8				
4	19 8	4	5 5	4	10 0	4	29 4	4	58 7	4	92 3				
6	19 6	6	5 2	6	10 3	6	29 9	6	59 4	6	92 8				
8	19 3	8	4 9	8	10 6	8	30 4	8	60 2	8	93 4				
48	19 0	58	4 6	68	11 0	78	30 9	88	60 9	98	93 9				
2	18 8	2	4 3	2	11 3	2	31 4	2	61 6	2	94 4				
4	18 6	4	4 0	4	11 7	4	31 9	4	62 4	4	95 0				
6	18 3	6	3 7	6	12 0	6	32 4	6	63 1	6	95 5				
8	18 1	8	3 4	8	12 3	8	32 9	8	63 8	8	96 1				
49	17 8	59	3 1	69	12 7	79	33 4	89	64 5	99	96 6				
2	17 5	2	2 8	2	13 1	2	33 9	2	65 2	2	97 1				
4	17 2	4	2 5	4	13 4	4	34 4	4	66 0	4	97 7				
6	16 9	6	2 2	6	13 7	6	34 9	6	66 8	6	98 2				
8	16 6	8	1 9	8	14 1	8	35 4	8	67 6	8	98 8				
50	16 3	60	1 6	70	14 5	80	35 9	90	68 3	9	99 3				
									69 1	100	99 9				

Temperature 51° F.

26

GLASS HYDROMETER

Temperature 51° F

Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof	Days on Stem	Per cent under Proof	Days on Stem	Per cent under Proof	Days on Stem	Per cent under Proof	Days on Stem	Per cent under Proof	Days on Stem	Per cent under Proof
40	129 1	50	16 0	60	1 3	70	14 9	80	36 3	90	69 4				
12	128 2	12	15 7	12	1 0	12	15 2	12	36 8	12	70 1				
4	128 5	4	15 4	4	0 7	4	15 6	4	37 3	4	70 8				
6	128 2	6	15 1	6	0 4	6	15 9	6	37 8	6	71 4				
8	127 8	8	14 9	8	0 1	8	16 3	8	38 3	8	72 1				
41	127 5	51	14 6	61	0 5	71	16 7	81	38 9	91	72 8				
2	127 3	2	14 3	2	0 5	2	17 1	2	39 4	2	73 5				
4	127 3	4	14 0	4	0 8	4	17 5	4	39 0	4	74 2				
6	127 1	6	13 8	6	1 1	6	17 0	6	40 5	6	74 9				
8	126 9	8	13 5	8	1 4	8	18 3	8	41 1	8	75 6				
42	126 6	52	13 2	62	1 7	72	18 6	82	41 7	92	76 3				
2	126 3	2	12 0	2	2 0	2	19 0	2	42 4	2	76 9				
4	126 1	4	12 6	4	2 3	4	19 4	4	43 0	4	77 6				
6	125 8	6	12 3	6	2 7	6	19 8	6	43 6	6	78 3				
8	125 6	8	12 0	8	3 0	8	20 2	8	44 2	8	79 0				
43	125 3	53	11 7	63	3 3	73	20 7	83	44 8	93	79 7				
12	125 1	12	11 5	12	3 6	12	21 1	12	45 4	12	80 3				
4	124 8	4	11 2	4	3 9	4	21 5	4	46 0	4	81 0				
6	124 5	6	10 9	6	4 2	6	21 0	6	46 6	6	81 6				
8	124 3	8	10 6	8	4 5	8	22 3	8	47 2	8	82 2				
44	124 0	54	10 3	64	4 8	74	22 7	84	47 8	94	82 8				
12	123 7	12	10 0	12	5 1	12	23 2	12	48 4	12	83 4				
4	123 4	4	9 7	4	5 4	4	23 6	4	49 1	4	84 1				
6	123 1	6	9 4	6	5 7	6	21 0	6	49 8	6	84 7				
8	122 9	8	9 1	8	6 0	8	24 5	8	50 5	8	85 3				
45	122 6	55	8 8	65	6 3	75	21 0	85	51 2	95	86 0				
2	122 3	2	8 5	2	6 7	2	25 3	2	51 9	2	86 6				
4	122 1	4	8 2	4	7 0	4	25 7	4	52 6	4	87 2				
6	121 8	6	7 9	6	7 3	6	26 1	6	53 3	6	87 8				
8	121 6	8	7 6	8	7 6	8	26 5	8	54 0	8	88 4				
46	121 3	56	7 3	66	7 9	76	26 9	86	54 7	96	89 0				
12	121 1	12	7 0	12	8 3	12	27 3	12	55 4	12	89 6				
4	120 8	4	6 7	4	8 6	4	27 7	4	56 1	4	90 2				
6	120 5	6	6 4	6	8 9	6	29 1	6	56 8	6	90 8				
8	120 3	8	6 1	8	9 3	8	28 5	8	57 5	8	91 3				
47	120 1	57	5 8	67	9 6	77	28 9	87	58 3	97	91 8				
2	119 8	2	5 5	2	10 0	2	29 4	2	59 0	2	92 4				
4	119 5	4	5 2	4	10 3	4	29 8	4	59 8	4	92 9				
6	119 3	6	4 9	6	10 6	6	29 5	6	60 5	6	93 4				
8	119 0	8	4 6	8	11 0	8	30 8	8	61 2	8	94 0				
48	118 7	58	4 3	68	11 3	78	31 3	88	61 9	98	94 5				
2	118 5	2	4 0	2	11 7	2	31 8	2	62 6	2	95 0				
4	118 2	4	3 7	4	12 1	4	32 3	4	63 4	4	95 6				
6	118 0	6	3 4	6	12 4	6	32 8	6	64 1	6	96 2				
8	117 7	8	3 1	8	12 7	8	33 3	8	64 8	8	96 7				
49	117 4	59	2 8	69	13 0	79	33 8	89	65 5	99	97 2				
2	117 1	2	2 5	2	13 4	2	34 3	2	66 3	2	97 8				
4	116 9	4	2 2	4	13 8	4	34 8	4	67 1	4	98 3				
6	116 6	6	1 9	6	14 1	6	35 3	6	67 8	6	98 9				
8	116 3	8	1 6	8	14 5	8	35 8	8	68 6	8	99 4				
50	116 0	60	1 3	70	14 9	80	36 3	90	69 4	100	100 0				

GLASS HYDROMETER.

A

Temperature 52° F.

Dive on Stem A	Per cent over Proof	Dive on Stem A	Per cent over Proof	Dive on Stem	Per cent over Proof	Dive on Stem	Per cent over Proof	Dive on Stem	Per cent over Proof	Dive on Stem	Per cent over Proof	Dive on Stem	Per cent over Proof
0		10	74 8	0	68 2	10	60 5	20	51 3	30	40 4		
2		2	74 7	2	68 1	2	60 3	2	51 2	2	40 2		
4		4	74 5	4	68 0	4	60 1	4	51 0	4	40 0		
6		6	74 4	6	67 8	6	60 0	6	50 8	6	39 7		
8		8	74 2	8	67 7	8	59 8	8	50 6	8	39 5		
1		11	74 1	1	67 6	11	59 7	21	50 3	31	39 3		
2		2	74 0	2	67 4	2	59 5	2	50 1	2	39 0		
4		4	73 8	4	67 3	4	59 3	4	49 9	4	38 8		
6		6	73 7	6	67 2	6	59 1	6	49 7	6	38 5		
8		8	73 6	8	67 1	8	58 9	8	49 5	8	38 3		
2		12	73 4	2	67 0	12	58 8	22	49 3	32	38 1		
2		2	73 3	2	66 9	2	58 6	2	49 1	2	37 9		
4		4	73 2	4	66 7	4	58 4	4	48 9	4	37 6		
6		6	73 1	6	66 5	6	58 2	6	48 7	6	37 4		
8		8	72 9	8	66 3	8	58 1	8	48 5	8	37 2		
3		13	72 8	3	66 2	13	57 9	23	48 3	33	37 0		
2		2	72 7	2	66 0	2	57 7	2	48 1	2	36 7		
4		4	72 6	4	65 9	4	57 5	4	47 9	4	36 5		
6		6	72 4	6	65 7	6	57 3	6	47 7	6	36 3		
8		8	72 3	8	65 6	8	57 1	8	47 5	8	36 1		
4		14	72 2	4	65 5	14	56 9	24	47 3	34	35 9		
2		2	72 0	2	65 3	2	56 8	2	47 1	2	35 6		
4		4	71 9	1	65 1	4	56 6	4	46 9	4	35 4		
6		6	71 8	6	65 0	6	56 4	6	46 7	6	35 2		
8		8	71 6	8	64 8	8	56 2	8	46 5	8	35 0		
5		15	71 5	5	64 7	15	56 1	25	46 3	35	34 7		
2		2	71 4	2	64 5	2	55 9	2	46 0	2	34 5		
4		4	71 3	4	64 4	4	55 7	4	45 8	4	34 3		
6		6	71 1	6	64 2	6	55 5	6	45 6	6	34 0		
8		8	71 0	8	64 1	8	55 3	8	45 4	8	33 8		
6		16	70 9	6	64 0	16	55 1	26	45 1	36	33 5		
2		2	70 7	2	63 9	2	54 9	2	44 9	2	33 3		
4		4	70 6	4	63 7	4	54 7	4	44 7	4	33 1		
6		6	70 5	6	63 5	6	54 6	6	44 5	6	32 9		
8		8	70 3	8	63 3	8	54 4	8	44 3	8	32 7		
7		17	70 2	7	63 1	17	54 2	27	44 1	37	32 4		
2		2	70 1	2	63 0	2	54 1	2	43 9	2	32 1		
4		4	69 9	4	62 8	4	53 9	4	43 6	4	31 9		
6		6	69 8	6	62 7	6	53 7	6	43 3	6	31 7		
8		8	69 7	8	62 5	8	53 5	8	43 1	8	31 5		
8		18	69 5	8	62 3	18	53 3	28	42 8	38	31 2		
2		2	69 4	2	62 1	2	53 1	2	42 5	2	30 9		
4		4	69 3	4	62 0	4	52 9	4	42 3	4	30 7		
6		6	69 1	6	61 8	6	52 7	6	42 1	6	30 5		
8		8	69 0	8	61 6	8	52 5	8	41 9	8	30 3		
9		19	68 9	9	61 4	19	52 3	29	41 6	39	30 0		
2	75 2	2	68 8	2	61 3	2	52 1	2	41 4	2	29 7		
4	75 1	4	68 6	4	61 1	4	51 9	4	41 1	4	29 5		
6	75 0	6	68 5	6	60 9	6	51 7	6	40 9	6	29 2		
8	74 9	8	68 4	8	60 7	8	51 5	8	40 6	8	29 0		
10	74 8	20	68 2	10	60 5	20	51 3	30	40 4	40	28 8		

Temperature 52° F.

Days on Stem		Per cent over Proof		Days on Stem		Per cent over Proof		Days on Stem		Per cent under Proof		Days on Stem		Per cent under Proof		Days on Stem		Per cent under Proof	
40	12 1																		

GLASS HYDROMETER

A

Temperature 53° F.

Dive on Stem A	Per cent over Proof	Dive on Stem A	Per cent over Proof	Dive on Stem	Per cent over Proof	Dive on Stem	Per cent over Proof	Dive on Stem	Per cent over Proof	Dive on Stem	Per cent over Proof	Dive on Stem	Per cent over Proof
0		10	74 6	0	68 0	10	60 1	20	51 1	30	40 1	40	30 9
1		11	74 5	1	67 9	11	60 1	21	50 9	31	39 7	41	30 7
2		12	74 3	2	67 8	12	59 9	22	50 7	32	39 4	42	30 4
3		13	74 2	3	67 6	13	59 8	23	50 5	33	39 2	43	30 2
4		14	74 0	4	67 5	14	59 6	24	50 3	34	39 0	44	29 9
5		15	73 9	5	67 4	15	59 5	25	50 1	35	38 7	45	29 7
6		16	73 8	6	67 2	16	59 4	26	49 9	36	38 5	46	29 5
7		17	73 6	7	67 1	17	59 1	27	49 7	37	38 3	47	29 3
8		18	73 5	8	67 0	18	58 9	28	49 5	38	38 1	48	29 1
9		19	73 4	9	66 9	19	58 7	29	49 3	39	37 8	49	28 9
10		20	73 2	10	66 8	20	58 5	30	49 1	40	37 6	50	28 7
11		21	73 1	11	66 7	21	58 3	31	48 9	41	37 3	51	28 5
12		22	73 0	12	66 5	22	58 2	32	48 7	42	37 1	52	28 3
13		23	72 9	13	66 3	23	58 0	33	48 5	43	36 9	53	28 1
14		24	72 7	14	66 1	24	57 8	34	48 3	44	36 7	54	27 9
15		25	72 6	15	66 0	25	57 6	35	48 1	45	36 4	55	27 7
16		26	72 5	16	65 8	26	57 5	36	47 9	46	36 2	56	27 5
17		27	72 4	17	65 7	27	57 3	37	47 7	47	36 0	57	27 3
18		28	72 2	18	65 5	28	57 1	38	47 5	48	35 8	58	27 1
19		29	72 1	19	65 4	29	56 9	39	47 3	49	35 5	59	26 9
20		30	72 0	20	65 2	30	56 7	40	47 1	50	35 3	60	26 7
21		31	71 8	21	65 1	31	56 5	41	46 9	51	35 1	61	26 5
22		32	71 7	22	64 9	32	56 3	42	46 7	52	34 9	62	26 3
23		33	71 6	23	64 8	33	56 1	43	46 5	53	34 7	63	26 1
24		34	71 4	24	64 6	34	55 9	44	46 3	54	34 5	64	25 9
25		35	71 3	25	64 5	35	55 8	45	46 1	55	34 3	65	25 7
26		36	71 2	26	64 3	36	55 6	46	45 9	56	34 1	66	25 5
27		37	71 1	27	64 2	37	55 4	47	45 7	57	33 9	67	25 3
28		38	70 9	28	64 1	38	55 3	48	45 5	58	33 7	68	25 1
29		39	70 8	29	63 9	39	55 1	49	45 3	59	33 5	69	24 9
30		40	70 7	30	63 8	40	54 9	50	45 1	60	33 3	70	24 7
31		41	70 5	31	63 6	41	54 7	51	44 9	61	33 1	71	24 5
32		42	70 4	32	63 5	42	54 5	52	44 7	62	32 9	72	24 3
33		43	70 3	33	63 3	43	54 3	53	44 5	63	32 7	73	24 1
34		44	70 1	34	63 1	44	54 1	54	44 3	64	32 5	74	23 9
35		45	70 0	35	62 9	45	53 9	55	44 1	65	32 3	75	23 7
36		46	69 9	36	62 8	46	53 8	56	43 9	66	32 1	76	23 5
37		47	69 7	37	62 6	47	53 6	57	43 7	67	31 9	77	23 3
38		48	69 6	38	62 5	48	53 4	58	43 5	68	31 7	78	23 1
39		49	69 5	39	62 3	49	53 2	59	43 3	69	31 5	79	22 9
40		50	69 3	40	62 1	50	53 1	60	43 1	70	31 3	80	22 7
41		51	69 2	41	61 9	51	52 9	61	42 9	71	31 1	81	22 5
42		52	69 1	42	61 7	52	52 7	62	42 7	72	30 9	82	22 3
43		53	68 9	43	61 5	53	52 5	63	42 5	73	30 7	83	22 1
44		54	68 8	44	61 3	54	52 3	64	42 3	74	30 5	84	21 9
45		55	68 7	45	61 1	55	52 1	65	42 1	75	30 3	85	21 7
46		56	68 6	46	61 0	56	51 9	66	41 9	76	30 1	86	21 5
47		57	68 5	47	60 8	57	51 7	67	41 7	77	29 9	87	21 3
48		58	68 4	48	60 7	58	51 5	68	41 5	78	29 7	88	21 1
49		59	68 3	49	60 6	59	51 3	69	41 3	79	29 5	89	20 9
50		60	68 2	50	60 5	60	51 1	70	41 1	80	29 3	90	20 7
51		61	68 1	51	60 4	61	50 9	71	40 9	81	29 1	91	20 5
52		62	68 0	52	60 3	62	50 7	72	40 7	82	28 9	92	20 3
53		63	67 9	53	60 2	63	50 5	73	40 5	83	28 7	93	20 1
54		64	67 8	54	60 1	64	50 3	74	40 3	84	28 5	94	19 9
55		65	67 7	55	60 0	65	50 1	75	40 1	85	28 3	95	19 7
56		66	67 6	56	59 9	66	49 9	76	39 9	86	28 1	96	19 5
57		67	67 5	57	59 8	67	49 7	77	39 7	87	27 9	97	19 3
58		68	67 4	58	59 7	68	49 5	78	39 5	88	27 7	98	19 1
59		69	67 3	59	59 6	69	49 3	79	39 3	89	27 5	99	18 9
60		70	67 2	60	59 5	70	49 1	80	39 1	90	27 3	100	18 7

Temperature 53° F.

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A

Temperature 54° F.

Days on Stem A	Per cent over Proof	Days on Stem A	Per cent over Proof	Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof
0		10	74 4	0	67 8	10	60 1	20	50 6	30	39 9				
2		2	74 2	2	67 7	2	59 9	2	50 6	2	39 6				
4		4	74 1	4	67 6	4	59 7	4	50 4	4	39 4				
6		6	74 0	6	67 4	6	59 5	6	50 2	6	39 1				
8		8	73 9	8	67 3	8	59 3	8	50 0	8	38 9				
1		11	73 7	1	67 2	11	59 2	21	49 8	31	38 7				
2		2	73 6	2	67 0	2	59 1	2	49 6	2	38 4				
4		4	73 5	4	66 9	4	58 9	4	49 4	4	38 2				
6		6	73 3	6	66 8	6	58 7	6	49 2	6	37 9				
8		8	73 2	8	66 7	8	58 5	8	49 0	8	37 7				
12		12	73 1	2	66 5	12	58 3	22	48 8	32	37 5				
2		2	73 0	2	66 4	2	58 1	2	48 6	2	37 3				
4		4	72 8	4	66 3	4	57 9	4	48 4	4	37 1				
6		6	72 7	6	66 1	6	57 7	6	48 2	6	36 9				
8		8	72 6	8	65 9	8	57 6	8	48 0	8	36 6				
3		13	72 4	3	65 8	13	57 4	23	47 8	33	36 4				
2		2	72 3	2	65 6	2	57 2	2	47 6	2	36 1				
4		4	72 2	4	65 5	4	57 0	4	47 4	4	35 9				
6		6	72 1	6	65 3	6	56 9	6	47 2	6	35 7				
8		8	71 9	8	65 2	8	56 7	8	47 0	8	35 5				
4		14	71 8	4	65 0	14	56 5	24	46 7	34	35 3				
2		2	71 7	2	64 9	2	56 3	2	46 5	2	35 1				
4		4	71 5	4	64 7	4	56 1	4	46 3	4	34 9				
6		6	71 4	6	64 6	6	55 9	6	46 1	6	34 6				
8		8	71 3	8	64 4	8	55 7	8	45 9	8	34 4				
5		15	71 1	5	64 3	15	55 5	25	45 7	35	34 1				
2		2	71 0	2	64 1	2	55 4	2	45 6	2	33 9				
4		4	70 9	4	64 0	4	55 2	4	45 3	4	33 7				
6		6	70 7	6	63 9	6	55 0	6	45 0	6	33 5				
8		8	70 6	8	63 7	8	54 8	8	44 8	8	33 3				
0		16	70 5	6	63 5	16	54 7	26	44 6	36	33 0				
2		2	70 3	2	63 4	2	54 5	2	44 4	2	32 7				
4		4	70 2	4	63 2	4	54 3	4	44 1	4	32 5				
6		6	70 1	6	63 1	6	54 1	6	43 9	6	32 3				
8		8	69 9	8	62 9	8	53 9	8	43 7	8	32 1				
7		17	69 8	7	62 7	17	53 7	27	43 5	37	31 8				
2		2	69 7	2	62 5	2	53 6	2	43 3	2	31 5				
4		4	69 5	4	62 3	4	53 4	4	43 0	4	31 3				
6		6	69 4	6	62 2	6	53 2	6	42 7	6	31 1				
8		8	69 3	8	62 0	8	53 0	8	42 5	8	30 9				
8		18	69 1	8	61 9	18	52 8	28	42 2	38	30 6				
2		2	69 0	2	61 7	2	52 6	2	41 9	2	30 3				
4		4	68 9	4	61 5	4	52 4	4	41 7	4	30 1				
6	75 2	6	68 7	6	61 3	6	52 2	6	41 5	6	29 9				
8	75 1	8	68 6	8	61 1	8	52 0	8	41 2	8	29 7				
9	75 0	19	68 5	9	60 9	19	51 8	29	40 9	39	29 4				
2	74 8	2	68 4	2	60 8	2	51 6	2	40 7	2	29 1				
4	74 7	4	68 2	4	60 6	4	51 4	4	40 5	4	29 9				
6	74 6	6	68 1	6	60 4	6	51 2	6	40 3	6	28 6				
8	74 5	8	68 0	8	60 2	8	51 0	8	40 1	8	28 4				
10	74 4	20	67 8	10	60 1	20	50 8	30	39 9	40	28 1				

GLASS HYDROMETER.

Temperature 54° F.

Dips on Stem	Per cent over Proof	Dips on Stem	Per cent over Proof	Dips on Stem	Per cent under Proof	Dips on Stem	Per cent under Proof	Dips on Stem	Per cent under Proof	Dips on Stem	Per cent under Proof	Dips on Stem	Per cent under Proof
40	23 1	50	15 0	60	0 2	70	15 9	80	37 4	90	70 0		
12	27 9	12	14 7	2	0 2	12	16 3	12	38 0	12	70 7		
4	27 7	4	14 4	4	0 2	4	16 7	4	38 5	4	71 4		
8	27 4	8	14 2	8	0 6	8	17 0	8	39 0	8	72 1		
16	27 2	16	14 0	16	0 9	16	17 4	16	39 5	16	72 8		
41	26 9	51	13 7	61	1 2	71	17 8	81	40 0	91	73 5		
12	26 7	12	13 5	12	1 5	12	18 2	12	40 6	12	74 2		
4	26 5	4	13 2	4	1 8	4	18 6	4	41 2	4	74 8		
8	26 2	8	12 9	8	2 1	8	19 0	8	41 8	8	75 5		
16	25 0	16	12 6	16	2 4	16	19 4	16	42 4	16	76 2		
42	23 7	52	12 3	62	2 7	72	19 8	82	43 0	92	76 8		
12	27 4	12	12 0	2	3 0	12	20 2	12	43 6	12	77 5		
4	25 1	4	11 7	4	3 3	4	20 6	4	44 2	4	78 2		
8	24 0	8	11 4	8	3 6	8	21 0	8	44 8	8	78 8		
16	24 7	16	11 1	16	3 9	16	21 4	16	45 4	16	79 5		
43	24 4	53	10 8	63	4 2	73	21 8	83	46 0	93	80 1		
12	24 1	12	10 5	12	4 5	12	22 2	12	46 6	12	80 7		
4	23 8	4	10 2	4	4 8	4	22 6	4	47 2	4	81 4		
8	23 6	8	9 9	8	5 1	8	23 0	8	47 8	8	82 0		
16	23 3	16	9 6	16	5 4	16	23 5	16	48 4	16	82 6		
44	23 0	54	9 3	64	5 7	74	23 9	84	49 0	94	83 2		
12	22 7	12	9 0	2	6 0	12	24 4	12	49 7	12	83 8		
4	22 4	4	8 7	4	6 4	4	24 8	4	50 3	4	84 4		
8	22 1	8	8 4	8	6 7	8	25 2	8	51 0	8	85 0		
16	21 9	16	8 1	16	7 0	16	25 6	16	51 7	16	85 6		
45	21 7	55	7 8	65	7 3	75	26 0	85	52 4	95	86 2		
12	21 4	12	7 5	12	7 6	12	26 4	12	53 0	12	86 8		
4	21 2	4	7 2	4	8 0	4	26 8	4	53 7	4	87 4		
8	20 9	8	6 9	8	8 3	8	27 2	8	54 4	8	88 0		
16	20 7	16	6 6	16	8 6	16	27 6	16	55 1	16	88 6		
46	20 4	56	6 3	66	8 9	76	28 0	86	55 8	96	89 2		
12	20 1	12	6 0	12	9 3	12	28 4	12	56 5	12	89 8		
4	19 9	4	5 7	4	9 6	4	28 8	4	57 2	4	90 4		
8	19 7	8	5 4	8	9 9	8	29 2	8	57 8	8	91 0		
16	19 5	16	5 1	16	10 3	16	29 6	16	58 5	16	91 5		
47	19 2	57	4 8	67	10 7	77	30 0	87	59 2	97	92 1		
12	18 9	12	4 5	12	11 0	12	30 5	12	59 9	12	92 6		
4	18 6	4	4 2	4	11 4	4	31 0	4	60 6	4	93 1		
8	18 4	8	3 9	8	11 7	8	31 5	8	61 3	8	93 7		
16	18 1	16	3 6	16	12 0	16	32 0	16	62 0	16	94 3		
48	17 8	58	3 3	68	12 4	78	32 5	88	62 7	98	94 9		
12	17 5	12	3 0	12	12 7	12	33 0	12	63 4	12	95 4		
4	17 3	4	2 7	4	13 0	4	33 5	4	64 1	4	95 9		
8	17 0	8	2 4	8	13 4	8	34 0	8	64 8	8	96 5		
16	16 9	16	2 1	16	13 8	16	34 5	16	65 5	16	97 0		
49	16 5	59	1 8	69	14 1	79	35 0	89	66 2	99	97 6		
12	16 2	12	1 5	12	14 5	12	35 4	12	67 0	12	98 1		
4	15 9	4	1 2	4	14 9	4	35 9	4	67 8	4	98 6		
8	15 6	8	0 9	8	15 2	8	36 4	8	68 5	8	99 1		
16	15 3	16	0 6	16	15 6	16	36 9	16	69 2	16	99 6		
50	15 0	60	0 3	70	15 9	80	37 4	90	70 0	100			

GLASS HYDROMETER

A

Temperature 55° F.

Divs on Stem A		Per cent over Proof	Divs on Stem A		Per cent over Proof	Divs on Stem		Per cent over Proof	Divs on Stem		Per cent over Proof	Divs on Stem		Per cent over Proof	Divs on Stem		Per cent over Proof
0	2		10	2	74 2	0	2	67 5	10	2	59 9	20	2	50 6	30	2	39 0
	4			4	74 1		4	67 5		4	59 7		4	50 4		4	39 3
	6			6	73 9		6	67 4		6	59 5		6	50 1		6	39 1
	8			8	73 8		8	67 3		8	59 3		8	49 9		8	38 9
1	2			2	73 6	1	2	67 1	11	2	58 9	21	2	49 7	31	2	38 7
	4			4	73 5		4	67 0		4	58 8		4	49 5		4	38 4
	6			6	73 4		6	66 8		6	58 6		6	49 3		6	38 1
	8			8	73 2		8	66 7		8	58 4		8	49 1		8	37 9
2	2			2	73 1	2	2	66 6	12	2	58 2	22	2	48 9	32	2	37 7
	4			4	73 0		4	66 5		4	58 0		4	48 7		4	37 5
	6			6	72 8		6	66 3		6	57 9		6	48 5		6	37 2
	8			8	72 7		8	66 2		8	57 7		8	48 3		8	37 0
3	2			2	72 6	3	2	66 0	13	2	57 5	23	2	48 1	33	2	36 7
	4			4	72 5		4	65 9		4	57 3		4	47 9		4	36 5
	6			6	72 3		6	65 7		6	57 1		6	47 7		6	36 3
	8			8	72 2		8	65 6		8	56 9		8	47 5		8	36 1
4	2			2	72 1	4	2	65 4	14	2	56 8	24	2	47 3	34	2	35 9
	4			4	72 0		4	65 3		4	56 6		4	47 1		4	35 7
	6			6	71 8		6	65 1		6	56 4		6	46 9		6	35 5
	8			8	71 7		8	65 0		8	56 2		8	46 7		8	35 3
5	2			2	71 6	5	2	64 8	15	2	56 1	25	2	46 6	35	2	35 0
	4			4	71 4		4	64 7		4	55 9		4	46 3		4	34 8
	6			6	71 3		6	64 5		6	55 7		6	46 0		6	34 6
	8			8	71 2		8	64 4		8	55 5		8	45 8		8	34 3
6	2			2	71 0	6	2	64 2	16	2	55 3	26	2	45 6	36	2	34 1
	4			4	70 9		4	64 1		4	55 1		4	45 4		4	33 9
	6			6	70 8		6	63 9		6	54 9		6	45 2		6	33 6
	8			8	70 7		8	63 8		8	54 7		8	45 0		8	33 4
7	2			2	70 5	7	2	63 7	17	2	54 5	27	2	44 7	37	2	33 1
	4			4	70 4		4	63 5		4	54 3		4	44 5		4	32 9
	6			6	70 3		6	63 3		6	54 1		6	44 3		6	32 7
	8			8	70 1		8	63 2		8	53 9		8	44 1		8	32 4
8	2			2	70 0	8	2	63 0	18	2	53 7	28	2	43 9	38	2	32 2
	4			4	69 9		4	62 9		4	53 5		4	43 7		4	31 9
	6			6	69 7		6	62 7		6	53 3		6	43 4		6	31 7
	8			8	69 0		8	62 5		8	53 1		8	43 1		8	31 5
9	2			2	69 5	9	2	62 3	19	2	52 9	29	2	42 9	39	2	31 3
	4			4	69 3		4	62 1		4	52 7		4	42 7		4	31 1
	6			6	69 2		6	62 0		6	52 5		6	42 5		6	30 8
	8			8	69 1		8	61 8		8	52 3		8	42 2		8	30 6
10	2			2	68 9	10	2	61 6	20	2	52 1	30	2	41 9	40	2	30 3
	4			4	68 5		4	61 4		4	52 0		4	41 7		4	30 1
	6			6	68 7		6	61 2		6	51 8		6	41 4		6	29 8
	8			8	68 5		8	61 1		8	51 6		8	41 1		8	29 5
	10			10	68 4		10	60 9		10	51 4		10	40 9		10	29 3
	12			12	68 3		12	60 7		12	51 2		12	40 7		12	29 1
	14			14	68 2		14	60 5		14	51 0		14	40 5		14	28 8
	16			16	68 0		16	60 3		16	50 8		16	40 2		16	28 6
	18			18	67 9		18	60 2		18	50 6		18	40 0		18	28 3
	20			20	67 8		20	60 0		20	50 4		20	39 8		20	28 1
	22			22	67 7		22	59 9		22	50 2		22	39 6		22	27 8
	24			24	67 6		24	59 8		24	50 1		24	39 5		24	27 7
	26			26	67 5		26	59 7		26	50 0		26	39 4		26	27 6
	28			28	67 4		28	59 6		28	49 9		28	39 3		28	27 5
	30			30	67 3		30	59 5		30	49 8		30	39 2		30	27 4
	32			32	67 2		32	59 4		32	49 7		32	39 1		32	27 3
	34			34	67 1		34	59 3		34	49 6		34	39 0		34	27 2
	36			36	67 0		36	59 2		36	49 5		36	38 9		36	27 1
	38			38	66 9		38	59 1		38	49 4		38	38 8		38	27 0
	40			40	66 8		40	59 0		40	49 3		40	38 7		40	26 9
	42			42	66 7		42	58 9		42	49 2		42	38 6		42	26 8
	44			44	66 6		44	58 8		44	49 1		44	38 5		44	26 7
	46			46	66 5		46	58 7		46	49 0		46	38 4		46	26 6
	48			48	66 4		48	58 6		48	48 9		48	38 3		48	26 5
	50			50	66 3		50	58 5		50	48 8		50	38 2		50	26 4
	52			52	66 2		52	58 4		52	48 7		52	38 1		52	26 3
	54			54	66 1		54	58 3		54	48 6		54	38 0		54	26 2
	56			56	66 0		56	58 2		56	48 5		56	37 9		56	26 1
	58			58	65 9		58	58 1		58	48 4		58	37 8		58	26 0
	60			60	65 8		60	58 0		60	48 3		60	37 7		60	25 9
	62			62	65 7		62	57 9		62	48 2		62	37 6		62	25 8
	64			64	65 6		64	57 8		64	48 1		64	37 5		64	25 7
	66			66	65 5		66	57 7		66	48 0		66	37 4		66	25 6
	68			68	65 4		68	57 6		68	47 9		68	37 3		68	25 5
	70			70	65 3		70	57 5		70	47 8		70	37 2		70	25 4
	72			72	65 2		72	57 4		72	47 7		72	37 1		72	25 3
	74			74	65 1		74	57 3		74	47 6		74	37 0		74	25 2
	76			76	65 0		76	57 2		76	47 5		76	36 9		76	25 1
	78			78	64 8		78	57 1		78	47 4		78	36 8		78	25 0
	80			80	64 7		80	57 0		80	47 3		80	36 7		80	24 9
	82			82	64 6		82	56 9		82	47 2		82	36 6		82	24 8
	84			84	64 5		84	56 8		84	47 1		84	36 5		84	24 7
	86			86	64 4		86	56 7		86	47 0		86	36 4		86	24 6
	88			88	64 3		88	56 6		88	46 9		88	36 3		88	24 5
	90			90	64 2		90	56 5		90	46 8		90	36 2		90	24 4
	92			92	64 1		92	56 4		92	46 7		92	36 1		92	24 3
	94			94	64 0		94	56 3		94	46 6		94	36 0		94	24 2
	96			96	63 9		96	56 2		96	46 5		96	35 9		96	24 1
	98			98	63 8		98	56 1		98	46 4		98	35 8		98	24 0
	100			100	63 7		100	56 0		100	46 3		100	35 7		100	23 9
	102			102	63 6		102	55 9		102	46 2		102	35 6		102	23 8
	104			104	63 5		104	55 8		104	46 1		104	35 5		104	23 7
	106			106	63 4		106	55 7		106	46 0		106	35 4		106	23 6
	108			108	63 3		108	55 6		108	45 9		108	35 3		108	23 5
	110			110	63 2		110	55 5		110	45 8		110	35 2		110	23 4
	112			112	63 1		112	55 4		112	45 7		112	35 1		112	23 3
	114			114	63 0		114	55 3		114	45 6		114	35 0		114	23 2
	116			116	62 9		116	55 2		116	45 5		116	34 9		116	23 1
	118			118	62 8		118	55 1		118	45 4		118	34 8		118	23 0
	120			120	62 7		120	55 0		120	45 3		120	34 7		120	22 9
	122			122	62 6		122	54 9		122	45 2		122	34 6		122	22 8
	124			124	62 5		124	54 8		124	45 1		124	34 5		124	22 7
	126			126	62 4		126	54 7		126	45 0		126	34 4		126	22 6
	1																

GLASS HYDROMETER.

Temperature 55° F.

Divs. on Stem.	Per cent over Proof	Divs. on Stem	Per cent over Proof	Divs. on Stem	Per cent under Proof	Divs. on Stem	Per cent under Proof	Divs. on Stem	Per cent under Proof	Divs. on Stem	Per cent under Proof	Divs. on Stem	Per cent under Proof	Divs. on Stem	Per cent under Proof
40	27 8	50	14 7	60	0 3	70	16 3	80	37 8	90	70 2				
2	27 6		14 4		0 6	2	16 7	2	38 3	2	70 9				
4	27 4		14 2		0 9	4	17 1	4	38 8	4	71 6				
6	27 1		13 9		1 2	6	17 4	6	39 3	6	72 3				
8	26 9		13 6		1 5	8	17 8	8	39 8	8	73 0				
41	26 8	51	13 3	61	1 8	71	18 2	81	40 4	91	73 7				
2	26 3		13 0		2 1	2	18 6	2	41 0	2	74 4				
4	26 1		12 8		2 4	4	19 0	4	41 6	4	75 0				
6	25 9		12 6		2 7	6	19 4	6	42 2	6	75 7				
8	25 6		12 3		3 0	8	19 8	8	42 8	8	76 4				
42	25 3	52	12 0	62	3 3	72	20 2	82	43 3	92	77 0				
2	25 1		11 7		3 6	2	20 6	2	43 9	2	77 7				
4	24 9		11 4		3 9	4	21 0	4	44 5	4	78 4				
6	24 6		11 1		4 2	6	21 4	6	45 1	6	79 0				
8	24 3		10 8		4 5	8	21 8	8	45 7	8	79 6				
43	24 1	53	10 5	63	4 8	73	22 2	83	46 3	93	80 3				
2	23 8		10 2		5 1	2	22 6	2	46 9	2	80 9				
4	23 5		9 9		5 4	4	23 0	4	47 5	4	81 5				
6	23 2		9 6		5 7	6	23 4	6	48 1	6	82 1				
8	22 9		9 3		6 0	8	23 8	8	48 7	8	82 8				
44	22 7	54	8 9	64	6 3	74	24 2	84	49 4	94	83 4				
2	22 4		8 6		6 6	2	24 6	2	50 0	2	84 0				
4	22 1		8 3		6 9	4	25 0	4	50 7	4	84 6				
6	21 8		8 0		7 2	6	25 4	6	51 4	6	85 2				
8	21 6		7 7		7 5	8	25 8	8	52 0	8	85 8				
45	21 3	55	7 4	65	7 8	75	26 2	85	52 7	95	86 4				
2	21 1		7 1		8 0	2	26 6	2	53 4	2	87 0				
4	20 9		6 9		8 3	4	27 0	4	54 0	4	87 6				
6	20 6		6 6		8 6	6	27 4	6	54 7	6	88 2				
8	20 4		6 3		8 9	8	27 8	8	55 4	8	88 8				
46	20 1	56	6 0	66	9 2	76	28 2	86	56 1	96	89 3				
2	19 8		5 7		9 6	2	28 6	2	56 8	2	89 9				
4	19 6		5 4		10 0	4	29 0	4	57 5	4	90 5				
6	19 3		5 1		10 3	6	29 5	6	58 1	6	91 1				
8	19 1		4 8		10 6	8	30 0	8	58 8	8	91 6				
47	18 9	57	4 5	67	11 0	77	30 5	87	59 5	97	92 1				
2	18 6		4 2		11 4	2	31 0	2	60 2	2	92 7				
4	18 3		3 9		11 7	4	31 5	4	60 9	4	93 2				
6	18 1		3 6		12 0	6	32 0	6	61 6	6	93 8				
8	17 8		3 3		12 4	8	32 5	8	62 3	8	94 3				
48	17 5	58	3 0	68	12 7	78	33 0	88	63 0	98	94 9				
2	17 2		2 7		13 1	2	33 5	2	63 7	2	95 4				
4	17 0		2 4		13 4	4	34 0	4	64 4	4	95 9				
6	16 7		2 1		13 7	6	34 4	6	65 1	6	96 5				
8	16 4		1 8		14 1	8	34 9	8	65 8	8	97 1				
49	16 1	59	1 5	69	14 4	79	35 3	89	66 5	99	97 6				
2	15 8		1 2		14 8	2	35 8	2	67 3	2	98 1				
4	15 5		0 9		15 2	4	36 3	4	68 0	4	98 6				
6	15 3		0 6		15 6	6	36 8	6	68 7	6	99 1				
8	15 0		0 3		16 0	8	37 3	8	69 4	8	99 6				
50	14 7	60		70	16 3	80	37 8	90	70 2	100					

A

Temperature 56° F

Days on Stem A	Per cent over Proof	Days on Stem A	Per cent over Proof	Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof
0		10	74 0	0	67 5	10	59 6	20	50 3	30	39 3		
2		12	73 9	2	67 4	2	59 5	2	50 1	2	39 6		
4		4	73 8	4	67 3	4	59 3	4	49 9	4	38 8		
6		6	73 6	6	67 1	6	59 1	6	49 7	6	38 5		
8		8	73 5	8	67 0	8	58 9	8	49 5	8	38 3		
1		11	73 4	1	66 9	11	58 7	21	49 3	31	38 1		
2		12	73 3	2	66 8	2	58 5	2	49 1	2	37 8		
4		4	73 1	4	66 6	4	58 3	4	48 6	4	37 6		
6		6	73 0	6	66 5	6	58 2	6	48 4	6	37 3		
8		8	72 9	8	66 3	8	58 0	8	48 5	8	37 1		
2		12	72 7	2	66 1	12	57 9	22	48 3	32	36 9		
2		2	72 6	2	66 0	2	57 7	2	48 1	2	36 7		
4		4	72 5	4	65 9	4	57 5	4	47 9	4	36 5		
6		6	72 4	6	65 7	6	57 3	6	47 7	6	36 3		
8		8	72 2	8	65 5	8	57 1	8	47 5	8	36 6		
3		13	72 1	3	65 4	13	56 9	23	47 3	33	35 8		
2		2	72 0	2	65 2	2	66 7	2	47 1	2	35 0		
4		4	71 8	4	65 1	4	66 5	4	46 9	4	35 4		
6		6	71 7	6	64 9	6	66 3	6	46 0	6	35 2		
8		8	71 6	8	64 8	8	66 1	8	46 4	8	35 6		
4		14	71 5	4	64 6	14	66 0	24	46 2	34	31 7		
2		2	71 3	2	64 5	2	65 8	2	46 0	2	34 5		
4		4	71 2	4	64 3	4	65 6	4	45 7	4	34 3		
6		6	71 1	6	64 2	6	65 4	6	45 5	6	34 0		
8		8	70 9	8	64 0	8	65 2	8	45 3	8	33 8		
5		15	70 8	5	63 9	15	65 1	25	45 1	35	33 5		
2		2	70 7	2	63 7	2	64 9	2	44 9	2	33 3		
4		4	70 5	4	63 6	4	64 7	4	44 7	4	33 1		
6		6	70 4	6	63 4	6	64 5	6	44 5	6	32 9		
8		8	70 3	8	63 3	8	64 3	8	44 3	8	32 7		
6		16	70 1	6	63 1	16	64 1	26	44 0	36	32 4		
2		2	70 0	2	62 9	2	64 0	2	43 8	2	32 1		
4		4	69 9	4	62 7	4	63 8	4	43 5	4	31 9		
6		6	69 7	6	62 6	6	63 6	6	43 3	6	31 7		
8		8	69 6	8	62 4	8	63 4	8	43 1	8	31 5		
7		17	69 5	7	62 3	17	63 2	27	42 8	37	31 2		
2		2	69 3	2	62 1	2	63 1	2	42 6	2	30 9		
4		4	69 2	4	61 9	4	62 9	4	42 3	4	30 7		
6		6	69 1	6	61 7	6	62 7	6	42 1	6	30 5		
8		8	69 0	8	61 5	8	62 5	8	41 9	8	30 3		
8		18	68 8	8	61 3	18	62 3	28	41 6	38	30 6		
2	75 2	2	68 7	2	61 2	2	62 1	2	41 3	2	29 7		
4	75 1	4	68 6	4	61 0	4	61 9	4	41 1	4	29 5		
6	75 0	6	68 4	6	60 8	6	61 7	6	40 8	6	29 3		
8	74 8	8	68 3	8	60 6	8	61 5	8	40 6	8	29 0		
9	74 7	10	68 2	0	60 5	19	61 3	29	40 4	39	28 7		
2	74 6	2	68 1	2	60 3	2	61 1	2	40 2	2	28 5		
4	74 4	4	67 9	4	60 1	4	60 9	4	39 9	4	28 3		
6	74 3	6	67 8	6	59 9	6	60 7	6	39 7	6	28 0		
8	74 2	8	67 7	8	59 7	8	60 5	8	39 5	8	27 8		
16	74 0	20	67 5	16	59 6	20	60 3	30	39 3	40	27 5		

GLASS HYDROMETER.

Temperature 56° F.

Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent under Proof	Divs on Stem	Per cent under Proof	Divs on Stem	Per cent under Proof	Divs on Stem	Per cent under Proof	Divs on Stem	Per cent under Proof	Divs on Stem	Per cent under Proof
40	27 5	50	14 4	60	0 3	70	16 7	80	38 2	90	70 4				
2	27 3	2	14 1	2	0 6	2	17 1	2	38 7	2	71 1				
4	27 1	4	13 9	4	0 9	4	17 4	4	39 2	4	71 8				
6	26 8	6	13 6	6	1 2	6	17 7	6	39 7	6	72 5				
8	26 6	8	13 3	8	1 5	8	18 1	8	40 2	8	73 2				
41	26 3	51	13 1	61	1 8	71	18 5	81	40 8	91	73 9				
2	26 0	2	12 8	2	2 1	2	18 9	2	41 4	2	74 6				
4	25 8	4	12 5	4	2 4	4	19 3	4	42 0	4	75 2				
6	25 5	6	12 2	6	2 7	6	19 7	6	42 6	6	75 8				
8	25 3	8	11 9	8	3 0	8	20 1	8	43 2	8	76 5				
42	25 0	52	11 6	62	3 3	72	20 5	82	43 7	92	77 2				
2	24 7	2	11 3	2	3 6	2	20 9	2	44 3	2	77 9				
4	24 4	4	11 0	4	3 9	4	21 3	4	44 8	4	78 5				
6	24 1	6	10 7	6	4 2	6	21 7	6	45 4	6	79 1				
8	23 9	8	10 4	8	4 5	8	22 1	8	46 0	8	79 8				
43	23 7	53	10 1	63	4 8	73	22 5	83	46 7	93	80 4				
2	23 5	2	9 8	2	5 1	2	22 9	2	47 3	2	81 0				
4	23 2	4	9 5	4	5 5	4	23 4	4	47 9	4	81 6				
6	22 9	6	9 2	6	5 8	6	23 8	6	48 5	6	82 3				
8	22 6	8	8 9	8	6 1	8	24 3	8	49 1	8	82 9				
44	22 3	54	8 8	64	6 4	74	24 7	84	49 8	94	83 5				
2	22 0	2	8 3	2	6 7	2	25 1	2	50 4	2	84 1				
4	21 8	4	8 0	4	7 0	4	25 5	4	51 1	4	84 7				
6	21 5	6	7 7	6	7 3	6	25 9	6	51 8	6	85 3				
8	21 3	8	7 4	8	7 6	8	26 3	8	52 4	8	85 9				
45	21 1	55	7 1	65	8 0	75	26 7	85	53 1	95	86 5				
2	20 8	2	6 8	2	8 3	2	27 1	2	53 7	2	87 1				
4	20 6	4	6 6	4	8 6	4	27 5	4	54 4	4	87 7				
6	20 3	6	6 3	6	8 9	6	27 9	6	55 1	6	88 3				
8	20 1	8	6 0	8	9 2	8	28 3	8	55 8	8	88 9				
46	19 8	56	5 7	66	9 6	76	28 7	86	56 5	96	89 4				
2	19 5	2	5 4	2	9 9	2	29 1	2	57 2	2	90 0				
4	19 3	4	5 1	4	10 3	4	29 5	4	57 9	4	90 5				
6	19 1	6	4 8	6	10 7	6	29 9	6	58 5	6	91 1				
8	18 9	8	4 5	8	11 0	8	30 4	8	59 2	8	91 7				
47	18 6	57	4 2	67	11 4	77	30 9	87	59 8	97	92 2				
2	18 3	2	3 9	2	11 8	2	31 4	2	60 5	2	92 7				
4	18 0	4	3 6	4	12 1	4	31 9	4	61 2	4	93 3				
6	17 7	6	3 3	6	12 4	6	32 4	6	61 9	6	93 9				
8	17 5	8	3 0	8	12 7	8	32 9	8	62 6	8	94 4				
48	17 2	58	2 7	68	13 1	78	33 4	88	63 3	98	94 9				
2	16 9	2	2 4	2	13 4	2	33 9	2	64 0	2	95 4				
4	16 6	4	2 1	4	13 8	4	34 4	4	64 7	4	95 9				
6	16 3	6	1 8	6	14 1	6	34 8	6	65 3	6	96 5				
8	16 1	8	1 5	8	14 5	8	35 3	8	66 0	8	97 1				
49	15 8	59	1 2	69	14 9	79	35 8	89	66 7	99	97 6				
2	15 5	2	0 9	2	15 2	2	36 2	2	67 4	2	98 1				
4	15 2	4	0 6	4	15 6	4	36 7	4	68 2	4	98 6				
6	14 9	6	0 3	6	15 9	6	37 2	6	68 9	6	99 1				
8	14 7	8		8	16 3	8	37 7	8	69 7	8	99 6				
50	14 4	60	0 3	70	16 7	80	38 2	90	70 4	100					

GLASS HYDROMETER

A

Temperature 57° F

Dips on Stem A	Per cent over Proof	Dips on Stem A	Per cent over Proof	Dips on Stem	Per cent over Proof	Dips on Stem	Per cent over Proof	Dips on Stem	Per cent over Proof	Dips on Stem	Per cent, over Proof
0		10	73 8	0	67 3	10	59 3	20	50 0	30	39 0
1		11	73 7	1	67 2	11	59 2	21	49 8	31	38 7
2		12	73 6	2	67 1	12	59 0	22	49 0	32	38 5
3		13	73 4	3	66 9	13	58 9	23	48 4	33	38 3
4		14	73 3	4	66 6	14	58 7	24	47 2	34	38 1
5		15	73 2	5	66 7	15	58 5	25	46 0	35	37 8
6		16	73 1	6	66 6	16	58 3	26	45 0	36	37 5
7		17	72 9	7	66 4	17	58 1	27	44 0	37	37 3
8		18	72 8	8	66 3	18	57 8	28	43 0	38	37 1
9		19	72 7	9	66 1	19	57 6	29	42 0	39	36 9
10		20	72 5	10	65 9	20	57 0	30	41 0	40	36 6
11		21	72 4	11	65 8	21	57 4	31	40 8		
12		22	72 3	12	65 6	22	57 3	32	40 6		
13		23	72 2	13	65 5	23	57 1	33	40 3		
14		24	72 0	14	65 3	24	56 9	34	40 1		
15		25	71 9	15	65 2	25	56 7	35	39 9		
16		26	71 8	16	65 0	26	56 5	36	39 7		
17		27	71 6	17	64 9	27	56 3	37	39 5		
18		28	71 5	18	64 7	28	56 1	38	39 3		
19		29	71 4	19	64 6	29	55 9	39	39 2		
20		30	71 3	20	64 4	30	55 7	40	39 0		
21		31	71 1	21	64 3	31	55 5				
22		32	71 0	22	64 1	32	55 2				
23		33	70 9	23	63 9	33	55 0				
24		34	70 7	24	63 8	34	54 8				
25		35	70 6	25	63 7	35	54 6				
26		36	70 5	26	63 5	36	54 4				
27		37	70 3	27	63 4	37	54 3				
28		38	70 2	28	63 2	38	54 1				
29		39	70 1	29	63 0	39	53 9				
30		40	69 9	30	62 9	40	53 7				
31		41	69 8	31	62 7	41	53 5				
32		42	69 7	32	62 5	42	53 4				
33		43	69 5	33	62 4	43	53 2				
34		44	69 4	34	62 2	44	53 0				
35		45	69 3	35	62 0	45	52 8				
36		46	69 1	36	61 9	46	52 7				
37		47	69 0	37	61 7	47	52 5				
38		48	68 9	38	61 5	48	52 3				
39		49	68 8	39	61 3	49	52 1				
40		50	68 6	40	61 1	50	51 9				
41		51	68 5	41	60 9	51	51 7				
42		52	68 4	42	60 7	52	51 5				
43		53	68 2	43	60 5	53	51 3				
44		54	68 1	44	60 4	54	51 1				
45		55	68 0	45	60 3	55	50 9				
46		56	67 9	46	60 1	56	50 6				
47		57	67 7	47	59 9	57	50 4				
48		58	67 6	48	59 7	58	50 2				
49		59	67 5	49	59 5	59	50 0				
50		60	67 3	50	59 3	60	50 0				

GLASS HYDROMETER

Temperature 57° F

Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent under Proof	Divs on Stem	Per cent under Proof	Divs on Stem	Per cent under Proof	Divs on Stem	Per cent under Proof	Divs on Stem	Per cent under Proof
40	27 3	50	14 1	60	0 6	70	17 0	80	33 7	90	70 6		
2	27 0	2	13 9	2	0 9	2	17 4	2	39 2	2	71 3		
4	26 8	4	13 6	4	1 2	4	17 8	4	39 7	4	72 0		
6	26 6	6	13 3	6	1 5	6	18 1	6	40 2	6	72 7		
8	26 3	8	13 1	8	1 8	8	18 5	8	40 7	8	73 4		
41	26 0	51	12 8	61	2 1	71	18 9	81	41 2	91	74 0		
2	25 7	2	12 6	2	2 4	2	19 3	2	41 8	2	74 7		
4	25 5	4	12 2	4	2 7	4	19 7	4	42 4	4	75 4		
6	25 2	6	11 9	6	3 0	6	20 1	6	43 0	6	76 0		
8	25 0	8	11 6	8	3 3	8	20 5	8	43 5	8	76 7		
42	24 7	52	11 3	62	3 6	72	20 9	82	44 1	92	77 4		
2	24 4	2	11 0	2	3 9	2	21 3	2	44 6	2	78 0		
4	24 2	4	10 7	4	4 2	4	21 7	4	45 2	4	78 7		
6	23 9	6	10 4	6	4 5	6	22 1	6	45 8	6	79 3		
8	23 7	8	10 1	8	4 8	8	22 5	8	46 4	8	79 9		
43	23 4	53	9 8	63	5 1	73	22 9	83	47 0	93	80 5		
2	23 1	2	9 5	2	5 5	2	23 3	2	47 7	2	81 2		
4	22 8	4	9 2	4	5 8	4	23 7	4	48 3	4	81 8		
6	22 6	6	8 9	6	6 1	6	24 1	6	48 9	6	82 4		
8	22 3	8	8 6	8	6 4	8	24 5	8	49 5	8	83 0		
44	22 0	54	8 3	64	6 7	74	24 9	84	50 1	94	83 6		
2	21 7	2	8 0	2	7 1	2	25 3	2	50 8	2	84 2		
4	21 5	4	7 7	4	7 4	4	25 7	4	51 4	4	84 8		
6	21 2	6	7 4	6	7 7	6	26 1	6	52 1	6	85 4		
8	21 0	8	7 1	8	8 0	8	26 5	8	52 8	8	86 0		
45	20 7	55	6 8	65	8 3	75	26 9	85	53 4	95	86 6		
2	20 5	2	6 5	2	8 7	2	27 3	2	54 1	2	87 2		
4	20 3	4	6 2	4	9 0	4	27 7	4	54 7	4	87 8		
6	20 0	6	5 9	6	9 3	6	28 1	6	55 4	6	88 4		
8	19 8	8	5 7	8	9 6	8	28 5	8	56 1	8	89 0		
46	19 5	56	5 4	66	9 9	76	28 9	86	56 8	96	89 5		
2	19 2	2	5 1	2	10 3	2	29 4	2	57 5	2	90 1		
4	19 0	4	4 8	4	10 6	4	29 8	4	58 2	4	90 7		
6	18 7	6	4 5	6	11 0	6	30 3	6	58 8	6	91 3		
8	18 5	8	4 2	8	11 3	8	30 8	8	59 5	8	91 8		
47	18 3	57	3 9	67	11 7	77	31 3	87	60 2	97	92 3		
2	18 0	2	3 6	2	12 1	2	31 8	2	60 8	2	92 8		
4	17 7	4	3 3	4	12 4	4	32 3	4	61 5	4	93 4		
6	17 5	6	3 0	6	12 7	6	32 8	6	62 2	6	94 0		
8	17 2	8	2 7	8	13 1	8	33 3	8	62 9	8	94 5		
48	16 9	58	2 4	68	13 4	78	33 8	88	63 6	98	95 0		
2	16 6	2	2 1	2	13 8	2	34 3	2	64 3	2	95 5		
4	16 3	4	1 8	4	14 2	4	34 8	4	65 0	4	96 0		
6	16 0	6	1 5	6	14 5	6	35 3	6	65 6	6	96 6		
8	15 8	8	1 2	8	14 8	8	35 7	8	66 3	8	97 2		
49	15 5	59	0 9	69	15 2	79	36 2	89	67 0	99	97 7		
2	15 2	2	0 6	2	15 6	2	36 7	2	67 7	2	98 2		
4	14 9	4	0 3	4	16 0	4	37 2	4	68 5	4	98 7		
6	14 7	6		6	16 3	6	37 7	6	69 2	6	99 2		
8	14 4	8	0 3	8	16 7	8	38 2	8	69 9	8	99 7		
50	14 1	60	0 6	70	17 0	80	38 7	90	70 6	100			

Temperature 58° F.

40

GLASS HYDROMETER

Temperature 58° F

Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent under Proof	Divs on Stem	Per cent under Proof	Divs on Stem	Per cent under Proof	Divs on Stem	Per cent under Proof	Divs on Stem	Per cent under Proof	Divs on Stem	Per cent under Proof
40	26 9	50	13 8	60	0 9	70	17 4	80	39 0	90	70 8				
2	26 7	2	13 5	2	1 2	2	17 8	2	39 5	2	71 5				
4	26 5	4	13 3	4	1 5	4	18 2	4	40 0	4	72 2				
6	26 2	6	13 0	6	1 8	6	18 5	6	40 5	6	72 9				
8	26 0	8	12 7	8	2 1	8	18 8	8	41 0	8	73 6				
41	25 7	51	12 4	61	2 4	71	19 2	81	41 6	91	74 3				
2	25 4	2	12 1	2	2 7	2	19 6	2	42 2	2	74 9				
4	25 2	4	11 8	4	3 0	4	20 0	4	42 8	4	75 6				
6	24 9	6	11 6	6	3 3	6	20 4	6	43 3	6	76 2				
8	24 7	8	11 3	8	3 6	8	20 8	8	43 9	8	76 8				
42	24 4	52	11 0	62	3 9	72	21 2	82	44 4	92	77 5				
2	24 1	2	10 7	2	4 2	2	21 6	2	45 0	2	78 2				
4	23 9	4	10 4	4	4 5	4	22 0	4	45 6	4	78 8				
6	23 6	6	10 1	6	4 8	6	22 4	6	46 2	6	79 4				
8	23 4	8	9 8	8	5 1	8	22 9	8	46 8	8	80 0				
43	23 1	53	9 5	63	5 5	73	23 2	83	47 4	93	80 6				
2	22 8	2	9 2	2	5 8	2	23 7	2	48 0	2	81 3				
4	22 5	4	8 9	4	6 1	4	24 1	4	48 6	4	81 9				
6	22 3	6	8 6	6	6 4	6	24 6	6	49 2	6	82 5				
8	22 0	8	8 3	8	6 7	8	25 0	8	49 8	8	83 1				
44	21 7	54	8 0	64	7 1	74	25 4	84	50 5	94	83 7				
2	21 4	2	7 7	2	7 4	2	25 8	2	51 2	2	84 3				
4	21 2	4	7 4	4	7 7	4	26 2	4	51 8	4	84 9				
6	20 9	6	7 1	6	8 0	6	26 6	6	52 4	6	85 5				
8	20 7	8	6 8	8	8 3	8	27 0	8	53 1	8	86 1				
45	20 5	55	6 5	65	8 7	75	27 4	85	53 8	95	86 7				
2	20 2	2	6 2	2	9 0	2	27 8	2	54 4	2	87 3				
4	20 0	4	5 9	4	9 3	4	28 2	4	55 1	4	87 9				
6	19 7	6	5 6	6	9 6	6	28 6	6	55 8	6	88 5				
8	19 5	8	5 3	8	9 9	8	29 0	8	56 5	8	89 1				
46	19 2	56	5 0	66	10 3	76	29 4	86	57 2	96	89 6				
2	18 9	2	4 7	2	10 6	2	29 8	2	57 9	2	90 2				
4	18 7	4	4 4	4	11 0	4	30 2	4	58 6	4	90 7				
6	18 4	6	4 1	6	11 3	6	30 7	6	59 2	6	91 3				
8	18 2	8	3 8	8	11 7	8	31 2	8	59 8	8	91 9				
47	17 9	57	3 6	67	12 1	77	31 7	87	60 4	97	92 4				
2	17 6	2	3 3	2	12 4	2	32 2	2	61 1	2	92 9				
4	17 3	4	3 0	4	12 8	4	32 7	4	61 8	4	93 5				
6	17 1	6	2 7	6	13 1	6	33 2	6	62 5	6	94 1				
8	16 8	8	2 4	8	13 4	8	33 7	8	63 2	8	94 6				
48	16 5	58	2 1	68	13 8	78	34 2	88	63 9	98	95 1				
2	16 2	2	1 8	2	14 2	2	34 7	2	64 6	2	95 6				
4	16 0	4	1 5	4	14 5	4	35 1	4	65 3	4	96 1				
6	15 7	6	1 2	6	14 8	6	35 6	6	65 9	6	96 7				
8	15 4	8	0 9	8	15 2	8	36 0	8	66 6	8	97 3				
49	15 1	59	0 6	69	15 6	79	36 5	89	67 3	99	97 8				
2	14 9	2	0 3	2	16 0	2	37 0	2	68 0	2	98 3				
4	14 6	4		4	16 3	4	37 5	4	68 7	4	98 8				
6	14 3	6	0 3	6	16 6	6	38 0	6	69 4	6	99 3				
8	14 1	8	0 6	8	17 0	8	38 5	8	70 1	8	99 8				
50	13 8	60	0 9	70	17 4	80	39 0	90	70 8	100					

GLASS HYDROMETER

A

Temperature 59° F

Dive on Stem A	Per cent over Proof	Dive on Stem A	Per cent over Proof	Dive on Stem	Per cent over Proof	Dive on Stem	Per cent over Proof	Dive on Stem	Per cent over Proof	Dive on Stem	Per cent over Proof	Dive on Stem	Per cent over Proof
0		10	73 5	0	66 9	10	58 9	20	40 6	30	38 4		
12		2	73 3	12	66 8	2	58 7	2	40 3	2	38 1		
4		4	73 2	4	66 7	4	58 5	4	40 1	4	37 9		
6		6	73 1	6	66 5	6	58 4	6	40 0	6	37 7		
8		8	73 0	8	66 4	8	58 2	8	40 0	8	37 5		
1		11	72 8	1	66 3	11	58 0	11	40 5	11	37 2		
12		12	72 7	12	66 1	12	57 9	12	40 3	12	36 9		
4		4	72 6	4	66 0	4	57 7	4	40 1	4	36 7		
6		6	72 4	6	65 9	6	57 5	6	40 0	6	36 6		
8		8	72 3	8	65 7	8	57 3	8	40 0	8	36 3		
12		12	72 2	12	65 5	12	57 1	12	40 0	12	36 1		
12		2	72 1	2	65 4	2	56 9	2	40 0	2	35 9		
4		4	71 9	4	65 3	4	56 7	4	40 0	4	35 7		
6		6	71 8	6	65 1	6	56 5	6	40 0	6	35 5		
8		8	71 7	8	64 9	8	56 4	8	40 0	8	35 2		
3		13	71 5	3	64 8	13	56 2	13	40 0	13	35 0		
12		12	71 4	12	64 7	12	56 0	12	40 0	12	34 6		
4		4	71 2	4	64 5	4	55 8	4	40 0	4	34 6		
6		6	71 1	6	64 3	6	55 6	6	40 0	6	34 3		
8		8	71 0	8	64 1	8	55 4	8	40 0	8	34 1		
4		14	70 9	4	64 0	14	55 3	14	40 0	14	33 9		
12		12	70 7	12	63 9	12	55 1	12	40 0	12	33 6		
4		4	70 6	4	63 7	4	54 9	4	40 0	4	33 4		
6		6	70 5	6	63 5	6	54 7	6	40 0	6	33 1		
8		8	70 3	8	63 4	8	54 5	8	40 0	8	32 9		
5		15	70 2	5	63 3	15	54 3	15	40 0	15	32 7		
12		12	70 1	12	63 1	12	54 2	12	40 0	12	32 4		
4		4	69 0	4	62 9	4	54 0	4	40 0	4	32 2		
6		6	69 8	6	62 7	6	53 8	6	40 0	6	32 0		
8		8	69 7	8	62 6	8	53 6	8	40 0	8	31 8		
6		16	69 6	6	62 5	16	53 5	16	40 0	16	31 6		
12		12	69 4	12	62 3	12	53 3	12	40 0	12	31 3		
4		4	69 3	4	62 1	4	53 1	4	40 0	4	31 1		
6		6	69 1	6	61 9	6	52 9	6	40 0	6	30 8		
8		8	69 0	8	61 7	8	52 7	8	40 0	8	30 6		
7		17	68 9	7	61 5	17	52 5	17	40 0	17	30 3		
12	75 2	12	68 7	12	61 4	12	52 3	12	40 0	12	30 1		
4	75 1	4	68 6	4	61 2	4	52 1	4	40 0	4	29 9		
6	75 0	6	68 5	6	61 0	6	51 9	6	40 0	6	29 6		
8	74 8	8	68 4	8	60 8	8	51 7	8	40 0	8	29 3		
8	74 7	18	68 2	8	60 7	18	51 5	18	40 0	18	29 1		
12	74 6	12	68 1	12	60 5	12	51 3	12	40 0	12	28 8		
4	74 5	4	68 0	4	60 3	4	51 1	4	40 0	4	28 6		
6	74 4	6	67 9	6	60 1	6	50 9	6	40 0	6	28 3		
8	74 2	8	67 7	8	59 9	8	50 7	8	40 0	8	28 1		
9	74 1	19	67 6	9	59 7	19	50 5	19	40 0	19	27 9		
12	74 0	12	67 5	12	59 6	12	50 3	12	40 0	12	27 6		
4	73 9	4	67 3	4	59 4	4	50 1	4	40 0	4	27 4		
6	73 7	6	67 2	6	59 3	6	49 9	6	40 0	6	27 1		
8	73 6	8	67 1	8	59 1	8	49 7	8	40 0	8	26 9		
10	73 5	20	66 9	10	58 9	20	49 6	20	40 0	20	26 7		

GLASS HYDROMETER

Temperature 59° F

Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent under Proof	Divs on Stem	Per cent under Proof	Divs on Stem	Per cent under Proof	Divs on Stem	Per cent under Proof	Divs on Stem	Per cent under Proof
40	26 7	50	13 5	60	1 2	70	17 7	80	39 4	90	71 1		
2	26 5	2	13 2	2	1 5	2	18 1	2	38 9	2	71 7		
4	26 3	4	12 9	4	1 8	4	18 5	4	40 4	4	72 4		
6	26 0	6	12 6	6	2 1	6	18 8	6	40 9	6	73 1		
8	25 7	8	12 4	8	2 4	8	19 2	8	41 4	8	73 8		
41	25 4	51	12 1	61	2 7	71	19 6	81	42 0	91	74 5		
2	25 1	2	11 8	2	3 0	2	20 0	2	42 6	2	75 1		
4	24 9	4	11 5	4	3 3	4	20 4	4	43 1	4	75 8		
6	24 6	6	11 2	6	3 6	6	20 8	6	43 7	6	76 4		
8	24 4	8	10 9	8	3 9	8	21 2	8	44 2	8	77 0		
42	24 1	52	10 6	62	4 2	72	21 6	82	44 8	92	77 7		
2	23 8	2	10 3	2	4 6	2	22 0	2	45 4	2	78 3		
4	23 6	4	10 0	4	4 9	4	22 4	4	46 0	4	79 0		
6	23 3	6	9 7	6	5 2	6	22 8	6	46 6	6	79 6		
8	23 1	8	9 4	8	5 5	8	23 2	8	47 2	8	80 2		
43	22 8	53	9 1	63	5 8	73	23 6	83	47 8	93	80 8		
2	22 5	2	8 8	2	6 1	2	24 1	2	48 4	2	81 4		
4	22 3	4	8 5	4	6 4	4	24 5	4	49 0	4	82 0		
6	22 0	6	8 2	6	6 7	6	24 9	6	49 6	6	82 6		
8	21 7	8	7 9	8	7 1	8	25 3	8	50 2	8	83 2		
44	21 4	54	7 6	64	7 4	74	25 7	84	50 9	94	83 8		
2	21 1	2	7 3	2	7 7	2	26 1	2	51 5	2	84 4		
4	20 9	4	7 0	4	8 1	4	26 5	4	52 2	4	85 0		
6	20 6	6	6 8	6	8 4	6	26 9	6	52 8	6	85 6		
8	20 4	8	6 5	8	8 7	8	27 3	8	53 4	8	86 2		
45	20 1	55	6 2	65	9 0	75	27 7	85	54 1	95	86 8		
2	19 9	2	5 9	2	9 3	2	28 1	2	54 7	2	87 4		
4	19 7	4	5 6	4	9 7	4	28 5	4	55 4	4	88 0		
6	19 4	6	5 3	6	10 0	6	28 9	6	56 1	6	88 6		
8	19 2	8	5 0	8	10 3	8	29 3	8	56 8	8	89 2		
46	18 9	56	4 7	66	10 6	76	29 7	86	57 5	96	89 7		
2	18 6	2	4 4	2	11 0	2	30 1	2	58 2	2	90 3		
4	18 4	4	4 1	4	11 3	4	30 6	4	58 9	4	90 8		
6	18 1	6	3 9	6	11 7	6	31 1	6	59 5	6	91 4		
8	17 9	8	3 6	8	12 0	8	31 6	8	60 1	8	92 0		
47	17 6	57	3 3	67	12 4	77	32 1	87	60 7	97	92 5		
2	17 3	2	3 0	2	12 7	2	32 6	2	61 4	2	93 0		
4	17 0	4	2 7	4	13 1	4	33 1	4	62 1	4	93 6		
6	16 8	6	2 4	6	13 4	6	33 6	6	62 9	6	94 2		
8	16 5	8	2 1	8	13 8	8	34 1	8	63 6	8	94 7		
48	16 2	58	1 8	68	14 1	78	34 6	88	64 2	98	95 2		
2	15 9	2	1 5	2	14 5	2	35 0	2	64 9	2	95 7		
4	15 6	4	1 2	4	14 9	4	35 5	4	65 6	4	96 2		
6	15 3	6	0 9	6	15 2	6	35 9	6	66 2	6	96 8		
8	15 1	8	0 6	8	15 6	8	36 4	8	66 9	8	97 4		
49	14 8	59	0 3	69	15 9	79	36 9	89	67 5	99	97 9		
2	14 5	2		2	16 3	2	37 4	2	68 3	2	98 4		
4	14 3	4	0 3	4	16 7	4	37 9	4	69 0	4	98 9		
6	14 1	6	0 6	6	17 0	6	38 4	6	69 7	6	99 4		
8	13 8	8	0 9	8	17 4	8	38 9	8	70 4	8	99 9		
50	13 5	60	1 2	70	17 7	80	39 4	90	71 1	100			

A

Temperature 60° F.

Divs on Stem A	Per cent over Proof	Divs on Stem A	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof
0		10	73 2	0	66 7	10	58 7	20	49 2	30	38 1		
2		2	73 1	2	66 6	2	58 5	2	49 0	2	37 8		
4		4	73 0	4	66 5	4	58 3	4	48 8	4	37 6		
6		6	72 8	6	66 3	6	58 1	6	48 6	6	37 4		
8		8	72 7	8	66 2	8	57 9	8	48 4	8	37 2		
1		11	72 6	1	66 1	11	57 8	21	48 2	31	36 9		
2		2	72 5	2	65 9	2	57 6	2	48 0	2	36 7		
4		4	72 3	4	65 8	4	57 4	4	47 8	4	36 5		
6		6	72 2	6	65 6	6	57 3	6	47 6	6	36 2		
8		8	72 1	8	65 5	8	57 1	8	47 4	8	36 0		
2		12	72 0	2	65 3	12	56 9	22	47 2	32	35 8		
2		2	71 8	2	65 2	2	56 7	2	47 0	2	35 6		
4		4	71 7	4	65 0	4	56 6	4	46 8	4	35 4		
6		6	71 6	6	64 9	6	56 3	6	46 6	6	35 2		
8		8	71 4	8	64 7	8	56 1	8	46 4	8	34 9		
3		13	71 3	3	64 6	13	55 9	23	46 2	33	31 7		
2		2	71 2	2	64 5	2	55 8	2	45 9	2	31 6		
4		4	71 0	4	64 3	4	55 6	4	45 7	4	31 3		
6		0	70 9	6	64 1	6	55 4	6	45 6	6	31 0		
8		8	70 8	8	63 9	8	55 2	8	45 3	8	33 8		
4		14	70 7	4	63 8	14	55 0	24	45 1	34	33 6		
2		2	70 5	2	63 7	2	54 9	2	44 9	2	33 3		
4		4	70 4	4	63 5	4	54 7	4	44 6	4	33 1		
6		6	70 3	6	63 3	6	54 5	6	44 4	6	32 8		
8		8	70 1	8	63 2	8	54 3	8	44 2	8	32 6		
5		15	70 0	5	63 0	15	54 1	25	44 0	35	32 4		
2		2	69 0	2	62 9	2	53 9	2	43 7	2	32 1		
4		4	69 7	4	62 7	4	53 7	4	43 5	4	31 9		
6		6	69 6	6	62 6	6	53 4	6	43 2	6	31 7		
8		8	69 5	8	62 3	8	53 0	8	43 0	8	31 5		
6		16	69 3	6	62 2	16	53 2	26	42 7	36	31 2		
2		2	69 2	2	62 0	2	53 0	2	42 5	2	31 0		
4		4	69 1	4	61 8	4	52 8	4	42 3	4	30 8		
6		6	68 9	6	61 7	6	52 7	6	42 0	6	30 5		
8		8	68 8	8	61 5	8	52 5	8	41 8	8	30 3		
7		17	68 7	7	61 3	17	52 3	27	41 6	37	30 0		
2		2	68 5	2	61 1	2	52 1	2	41 4	2	29 7		
4		4	68 4	4	60 9	4	51 9	4	41 1	4	29 5		
6		6	68 3	6	60 8	6	51 7	6	40 8	6	29 2		
8		8	68 2	8	60 6	8	51 5	8	40 6	8	29 0		
8		18	68 0	8	60 4	18	51 3	28	40 4	38	28 8		
2		2	67 9	2	60 2	2	51 1	2	40 1	2	28 6		
4		4	67 8	4	60 1	4	50 9	4	39 9	4	28 3		
6		6	67 7	6	59 9	6	50 7	6	39 7	6	28 0		
8		8	67 5	8	59 7	8	50 5	8	39 6	8	27 8		
9		19	67 4	9	59 5	9	50 2	29	39 2	39	27 5		
2		2	67 3	2	59 4	2	50 0	2	39 0	2	27 3		
4		4	67 1	4	59 2	4	49 8	4	38 8	4	27 1		
6		6	67 0	6	59 0	6	49 6	6	38 5	6	26 8		
8		8	66 9	8	58 8	8	49 4	8	38 3	8	26 6		
10		20	66 7	10	58 7	20	49 2	30	38 1	40	26 3		

Temperature 60° F.

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GLASS HYDROMETER

A

Temperature 61° F.

Days on Stem A	Per cent over Proof	Days on Stem A	Per cent over Proof	Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof
0		10	73 1	6	66 6	10	54 4	20	48 9	30	37 8				
2		12	73 0	2	66 4	2	58 3	12	48 7	12	37 5				
4		4	72 9	4	66 3	4	58 1	4	48 5	4	37 3				
6		6	72 7	6	66 1	6	57 9	6	48 3	6	37 1				
8		8	72 6	8	66 0	8	57 7	8	48 1	8	36 9				
1		11	72 5	1	65 9	11	57 5	21	47 9	31	36 6				
2		12	72 4	2	65 7	2	57 3	12	47 7	2	36 4				
4		4	72 3	4	65 6	4	57 1	4	47 5	4	36 2				
0		6	72 1	6	65 4	6	57 0	6	47 3	6	33 9				
8		8	72 0	8	65 3	8	56 8	8	47 1	8	33 7				
2		12	71 8	12	65 1	12	56 0	22	46 9	32	33 5				
2		2	71 7	2	65 0	2	56 4	2	46 7	2	33 3				
4		4	71 6	4	64 8	4	56 2	4	46 5	4	33 1				
8		8	71 5	8	64 7	8	56 6	8	46 3	8	34 9				
3		13	71 3	3	64 6	13	53 9	23	46 1	33	34 6				
2		2	71 2	2	64 4	2	57 7	2	45 9	2	34 4				
4		4	70 9	4	64 2	4	55 5	4	45 6	4	34 2				
6		6	70 8	6	64 1	6	53 3	6	45 4	6	31 0				
8		8	70 7	8	63 9	8	53 1	8	45 2	8	33 7				
4		14	70 5	4	63 7	14	54 9	21	45 0	34	33 5				
2		2	70 4	2	63 6	2	54 7	2	44 8	2	33 2				
4		4	70 3	4	63 5	4	54 6	4	44 6	4	33 0				
8		8	70 1	8	63 3	8	54 4	8	44 3	8	32 8				
5		15	70 0	5	63 1	15	54 2	25	44 1	35	32 5				
2		2	69 9	2	62 9	2	54 0	2	43 9	2	32 3				
4		4	69 7	4	62 7	4	53 9	4	43 7	4	32 1				
6		6	69 6	6	62 6	6	53 7	6	43 5	6	31 8				
8		8	69 5	8	62 5	8	53 5	8	43 4	8	31 6				
6		10	69 3	6	62 3	10	53 3	20	43 2	30	31 4				
2		2	69 2	2	62 1	2	53 1	2	42 9	2	31 2				
4		4	69 1	4	61 9	4	52 9	4	42 7	4	30 9				
6		6	68 8	6	61 8	6	52 7	6	42 5	6	30 6				
8		8	68 7	8	61 6	8	52 5	8	42 3	8	30 4				
7	75 2	17	68 6	7	61 4	17	52 4	27	41 7	37	30 2				
2	75 0	2	68 4	2	61 2	2	52 2	2	41 5	2	30 0				
4	74 9	4	68 3	4	61 0	4	52 0	4	41 3	4	29 7				
6	74 7	6	68 2	6	60 9	6	51 8	6	41 0	6	29 4				
8	74 6	8	68 1	8	60 7	8	51 6	8	40 7	8	29 2				
8	74 4	18	67 9	8	60 5	18	51 4	28	40 5	38	28 9				
2	74 3	2	67 8	2	60 3	2	51 2	2	40 3	2	28 7				
4	74 2	4	67 7	4	60 2	4	51 0	4	40 1	4	28 4				
6	74 0	6	67 5	6	60 6	6	50 8	6	39 8	6	28 2				
8	73 9	8	67 4	8	59 8	8	50 6	8	39 6	8	28 0				
9	73 8	19	67 3	9	59 6	19	50 4	29	39 4	39	27 7				
2	73 6	2	67 1	2	59 5	2	50 2	2	39 2	2	27 5				
4	73 5	4	67 0	4	59 3	4	49 9	4	38 7	4	27 2				
6	73 4	6	66 9	6	59 1	6	49 7	6	38 5	6	27 0				
8	73 3	8	66 7	8	58 9	8	49 5	8	38 2	8	26 8				
10	73 1	20	66 6	10	58 7	20	49 3	30	38 0	40	26 5				
					58 6		49 1		37 8		26 3				
					58 4		48 9				26 0				

GLASS HYDROMETER

Temperature 61° F.

Dive on Stem.		Per cent over Proof		Dive on Stem		Per cent over Proof		Dive on Stem		Per cent under Proof		Dive on Stem		Per cent under Proof		Dive on Stem		Per cent under Proof		Dive on Stem		Per cent under Proof		Dive on Stem		Per cent under Proof		Dive on Stem		Per cent under Proof	
40	2	25 0	50	12 8	60	1 9	70	18 5	80	40 2	90	71 6																			
	4	23 7		12 5		2 2		18 9		40 7		72 2																			
	6	25 5		12 2		2 5		19 3		41 2		72 8																			
	8	25 2		11 9		2 8		19 7		41 7		73 5																			
41	2	25 0	51	11 6	61	3 1	71	20 1	81	42 2	91	74 2																			
	4	24 7		11 4		3 4		20 5		42 8		74 9																			
	6	24 4		11 1		3 7		20 9		43 4		75 5																			
	8	24 2		10 8		4 0		21 3		43 9		76 2																			
42	2	23 9	52	10 5	62	4 3	72	21 7	82	44 4	92	76 8																			
	4	23 7		10 2		4 6		22 1		45 0		77 4																			
	6	23 4		9 9		4 9		22 5		45 6		78 1																			
	8	23 1		9 6		5 3		22 9		46 2		78 7																			
43	2	22 9	53	9 3	63	5 6	73	23 3	83	46 8	93	79 3																			
	4	22 6		9 0		5 9		23 7		47 4		80 0																			
	6	22 3		8 7		6 2		24 1		48 0		80 6																			
	8	22 0		8 4		6 5		24 5		48 6		81 2																			
44	2	21 8	54	8 1	64	6 8	74	24 9	84	49 2	94	81 8																			
	4	21 5		7 8		7 1		25 3		49 8		82 4																			
	6	21 3		7 5		7 4		25 7		50 4		83 0																			
	8	21 0		7 2		7 8		26 1		51 0		83 5																			
45	2	20 7	55	6 9	65	8 1	75	26 5	85	51 6	95	84 1																			
	4	20 5		6 6		8 4		26 9		52 3		84 6																			
	6	20 3		6 3		8 7		27 3		52 9		85 2																			
	8	20 0		6 0		9 0		27 6		53 5		85 8																			
46	2	19 8	56	5 7	66	9 4	76	28 0	86	54 1	96	86 4																			
	4	19 5		5 4		9 7		28 4		54 8		87 0																			
	6	19 3		5 1		10 0		28 8		55 4		87 6																			
	8	19 0		4 8		10 4		29 2		56 1		88 2																			
47	2	18 8	57	4 6	67	10 7	77	29 6	87	56 8	97	89 8																			
	4	18 5		4 4		11 0		30 0		57 5		90 4																			
	6	18 3		4 1		11 4		30 6		58 2		91 0																			
	8	18 0		3 8		11 7		31 0		58 8		91 6																			
48	2	17 7	58	3 5	68	12 1	78	31 6	88	59 5	98	92 2																			
	4	17 4		3 2		12 5		32 0		60 1		92 8																			
	6	17 1		2 9		12 8		32 5		60 7		93 3																			
	8	16 9		2 6		13 2		33 0		61 4		93 8																			
49	2	16 6	59	2 3	69	13 5	79	33 5	89	62 0	99	94 3																			
	4	16 3		2 0		13 9		34 0		62 7		94 8																			
	6	16 1		1 7		14 2		34 5		63 4		95 3																			
	8	15 8		1 4		14 5		34 9		64 1		95 8																			
50	2	15 5	60	1 1	70	14 9	80	35 3	90	64 8	100	96 4																			
	4	15 2		0 8		15 3		35 8		65 5		96 9																			
	6	14 9		0 5		15 7		36 2		66 2		97 0																			
	8	14 6		0 2		16 0		36 6		66 8		97 6																			
51	2	14 4	61	0 1	71	16 3	81	37 1	91	67 5		98 1																			
	4	14 2		0 4		16 7		37 6		68 2		98 6																			
	6	13 9		0 7		17 1		38 1		68 8		99 1																			
	8	13 6		1 0		17 4		38 6		69 5		99 6																			
52	2	13 4	62	1 3	72	17 7	82	39 1	92	70 2																					
	4	13 1		1 6		18 1		39 6		70 9																					
	6	12 8		1 9		18 5		40 2		71 6																					

GLASS HYDROMETER.

A

Temperature 62° F.

Divs on Stem. A	Per cent over Proof	Divs on Stem A	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof
0		10	72 9	0	66 4	10	58 2	20	48 7	30	37 5				
12		12	72 6	2	66 2	12	58 0	22	48 5	32	37 2				
4		4	72 7	4	66 1	4	57 8	4	48 2	4	37 0				
6		6	72 5	6	65 9	6	57 7	6	48 0	6	36 8				
8		8	72 4	8	65 8	8	57 5	8	47 8	8	36 5				
1		11	72 3	1	65 7	11	57 3	21	47 6	31	36 3				
12		2	72 2	2	65 5	2	57 1	2	47 4	2	36 1				
4		4	72 0	4	65 3	4	56 9	4	47 2	4	35 9				
6		6	71 0	6	65 2	6	56 7	6	47 0	6	35 6				
8		8	71 6	8	63 0	8	56 5	8	46 8	8	35 4				
12		12	71 6	2	64 9	12	56 3	22	46 6	32	35 2				
2		2	71 6	2	64 8	2	56 1	2	46 4	2	35 0				
4		4	71 4	4	64 6	4	56 0	4	46 2	4	34 8				
6		6	71 3	6	64 5	6	55 8	6	46 0	6	34 6				
8		8	71 1	8	64 3	8	55 6	8	45 8	8	34 3				
3		13	71 0	3	64 1	13	55 4	23	45 6	33	34 1				
4		4	70 9	4	64 0	4	55 2	4	45 3	4	33 8				
6		6	70 7	6	63 8	6	55 0	6	45 1	6	33 6				
8		8	70 6	8	63 7	8	54 9	8	44 9	8	33 4				
4		14	70 6	4	63 6	14	54 7	24	44 7	34	33 2				
2		2	70 3	2	63 4	2	54 6	2	44 6	2	33 0				
4		4	70 2	4	63 2	4	54 3	4	44 3	4	32 7				
6		6	70 1	6	63 0	6	54 1	6	44 0	6	32 5				
8		8	69 9	8	62 9	8	53 9	8	43 8	8	32 2				
6		15	69 8	6	62 7	15	53 7	25	43 6	35	32 0				
2		2	69 7	2	62 6	2	53 6	2	43 5	2	31 8				
4		4	69 5	4	62 4	4	53 4	4	43 0	4	31 5				
6		6	69 4	6	62 2	6	53 2	6	42 8	6	31 3				
8		8	69 3	8	62 0	8	53 1	8	42 6	8	31 0				
6		16	69 1	6	61 8	16	52 6	26	42 4	36	30 8				
2		2	69 0	2	61 7	2	52 7	2	42 3	2	30 6				
4		4	68 9	4	61 6	4	52 5	4	41 9	4	30 3				
6		6	68 8	6	61 3	6	52 3	6	41 6	6	30 1				
8		8	68 6	8	61 1	8	52 1	8	41 4	8	29 8				
7	75 2	17	68 5	7	60 9	17	51 9	27	41 1	37	29 6				
4	75 1	4	68 4	4	60 8	4	51 7	4	40 9	4	29 3				
6	75 0	6	68 2	6	60 6	6	51 5	6	40 7	6	29 1				
8	74 8	8	68 1	8	60 4	8	51 3	8	40 4	8	28 9				
2	74 7	2	68 0	2	60 3	2	51 1	2	40 2	2	28 6				
4	74 6	4	67 9	4	60 1	4	50 9	4	40 0	4	28 4				
6	74 5	6	67 7	6	59 9	6	50 7	6	39 8	6	28 1				
8	74 4	8	67 6	8	59 7	8	50 5	8	39 5	8	27 8				
2	74 2	18	67 5	2	59 6	18	50 3	2	39 3	2	27 6				
4	74 1	4	67 3	4	59 4	4	50 1	4	39 1	4	27 4				
6	74 0	6	67 2	6	59 2	6	49 9	6	38 8	6	27 2				
8	73 8	8	67 1	8	59 1	8	49 7	8	38 6	8	26 9				
2	73 7	10	66 9	2	58 9	10	49 5	2	38 4	2	26 6				
4	73 6	4	66 8	4	58 7	4	49 3	4	38 1	4	26 4				
6	73 5	6	66 7	6	58 5	6	49 1	6	37 9	6	26 1				
8	73 4	8	66 5	8	58 3	8	48 9	8	37 7	8	25 9				
10	73 3	20	66 4	10	58 2	20	48 7	30	37 5	40	25 6				

GLASS HYDROMETER.

Temperature 62° F.

[illegible]

A **Temperature 63° F.**

50

Temperature 63° F.

Dive on Stem	Per cent over Proof	Dive on Stem	Per cent over Proof	Dive on Stem	Per cent under Proof	Dive on Stem	Per cent under Proof	Dive on Stem	Per cent under Proof	Dive on Stem	Per cent under Proof	Dive on Stem	Per cent under Proof
40	25 3	50	12 1	60	2 6	70	19 3	80	41 1	90	72 1		
2	25 0	12	11 8	12	2 9	12	19 7	2	41 6	2	72 7		
4	24 8	4	11 5	4	3 2	4	20 1	4	42 2	4	73 3		
6	24 5	6	11 2	6	3 5	6	20 5	6	42 7	6	74 0		
8	24 3	8	10 9	8	3 8	8	20 9	8	43 2	8	74 7		
41	24 0	51	10 6	61	4 1	71	21 3	81	43 7	91	75 4		
12	23 7	2	10 3	2	4 4	2	21 7	2	44 3	2	76 0		
4	23 5	4	10 0	4	4 7	4	22 1	4	44 8	4	76 6		
6	23 2	6	9 7	6	5 0	6	22 5	6	45 4	6	77 2		
8	23 0	8	9 4	8	5 4	8	22 9	8	45 9	8	77 8		
42	22 7	52	9 1	62	5 7	72	23 3	82	46 5	92	78 5		
2	22 4	2	8 8	2	6 0	2	23 7	2	47 1	2	79 1		
4	22 1	4	8 5	4	6 3	4	24 1	4	47 7	4	79 7		
6	21 9	6	8 2	6	6 6	6	24 5	6	48 2	6	80 4		
8	21 7	8	7 9	8	6 9	8	24 9	8	48 8	8	81 0		
43	21 4	53	7 6	63	7 2	73	25 3	83	49 4	93	81 6		
2	21 1	2	7 3	2	7 6	2	25 7	2	50 0	2	82 2		
4	20 9	4	7 0	4	7 9	4	26 1	4	50 6	4	82 8		
6	20 7	6	6 8	6	8 2	6	26 5	6	51 2	6	83 4		
8	20 4	8	6 5	8	8 5	8	26 9	8	51 8	8	84 0		
44	20 1	54	6 2	64	8 8	74	27 3	84	52 4	94	84 6		
2	19 8	2	5 9	2	9 2	2	27 7	2	53 1	2	85 2		
4	19 6	4	5 6	4	9 5	4	28 1	4	53 7	4	85 8		
6	19 3	6	5 3	6	9 8	6	28 5	6	54 3	6	86 4		
8	19 1	8	5 0	8	10 1	8	28 9	8	54 9	8	86 9		
45	18 9	55	4 7	65	10 4	75	29 3	85	55 5	95	87 5		
2	18 6	2	4 4	2	10 8	2	29 7	2	56 2	2	88 0		
4	18 4	4	4 1	4	11 1	4	30 1	4	56 9	4	88 6		
6	18 1	6	3 8	6	11 4	6	30 5	6	57 4	6	89 2		
8	17 9	8	3 5	8	11 7	8	30 9	8	58 1	8	89 8		
46	17 6	56	3 3	66	12 0	76	31 4	86	58 8	96	90 4		
2	17 3	2	3 0	2	12 4	2	31 9	2	59 4	2	91 0		
4	17 1	4	2 7	4	12 8	4	32 4	4	60 1	4	91 5		
6	16 9	6	2 4	6	13 2	6	32 8	6	60 7	6	92 0		
8	16 5	8	2 1	8	13 6	8	33 3	8	61 4	8	92 5		
47	16 2	57	1 9	67	13 9	77	33 8	87	62 0	97	93 0		
2	15 9	2	1 6	2	14 3	2	34 3	2	62 7	2	93 6		
4	15 6	4	1 3	4	14 7	4	34 8	4	63 4	4	94 1		
6	15 4	6	1 0	6	15 0	6	35 2	6	64 0	6	94 6		
8	15 1	8	0 7	8	15 3	8	35 7	8	64 7	8	95 1		
48	14 8	58	0 4	68	15 7	78	36 1	88	65 4	98	95 6		
2	14 5	2	0 1	2	16 1	2	36 6	2	66 1	2	96 2		
4	14 3	4	0 2	4	16 4	4	37 0	4	66 8	4	96 7		
6	14 0	6	0 5	6	16 7	6	37 5	6	67 4	6	97 2		
8	13 8	8	0 8	8	17 1	8	38 0	8	68 1	8	97 8		
49	13 5	59	1 1	69	17 5	79	38 5	89	68 8	99	98 3		
2	13 2	2	1 4	2	17 9	2	39 0	2	69 4	2	98 8		
4	12 9	4	1 7	4	18 2	4	39 5	4	70 1	4	99 3		
6	12 7	6	2 0	6	18 5	6	40 1	6	70 8	6	99 8		
8	12 4	8	2 3	8	18 9	8	40 6	8	71 5	8			
50	12 1	60	2 6	70	19 3	80	41 1	90	72 1	100			

GLASS HYDROMETER.

A

Temperature 64° F.

Days on Stem A	Per cent over Proof	Days on Stem A	Per cent over Proof	Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof
0		10	72 5	0	66 0	10	57 7	20	48 1	30	36 8
1		2	72 3	2	65 8	2	57 5	2	47 9	2	36 6
2		4	72 2	4	65 7	4	57 3	4	47 7	4	36 4
3		6	72 1	6	65 5	6	57 1	6	47 5	6	36 1
4		8	72 0	8	65 4	8	56 9	8	47 3	8	35 9
5		11	71 8	1	65 2	11	56 7	11	47 1	11	35 7
6		2	71 7	2	65 1	2	56 6	2	46 9	2	35 5
7		4	71 6	4	64 9	4	56 4	4	46 7	4	35 3
8		6	71 4	6	64 8	6	56 2	6	46 4	6	35 1
9		8	71 3	8	64 6	8	56 0	8	46 2	8	34 9
10		12	71 2	12	64 5	12	55 8	12	46 0	12	34 6
11		2	71 0	2	64 3	2	55 6	2	45 8	2	34 4
12		4	70 9	4	64 2	4	55 5	4	45 6	4	34 1
13		6	70 8	6	64 0	6	55 3	6	45 4	6	33 9
14		8	70 7	8	63 9	8	55 1	8	45 2	8	33 7
15		13	70 5	3	63 7	13	54 9	13	45 0	13	33 5
16		2	70 4	2	63 6	2	54 7	2	44 7	2	33 2
17		4	70 3	4	63 4	4	54 5	4	44 5	4	33 0
18		6	70 1	6	63 2	6	54 3	6	44 3	6	32 8
19		8	70 0	8	63 0	8	54 1	8	44 1	8	32 6
20		14	69 9	4	62 9	14	53 9	14	43 8	14	32 3
21		2	69 7	2	62 7	2	53 8	2	43 6	2	32 1
22		4	69 6	4	62 5	4	53 6	4	43 3	4	31 9
23		6	69 5	6	62 4	6	53 4	6	43 1	6	31 6
24		8	69 4	8	62 2	8	53 2	8	42 8	8	31 4
25		15	69 3	5	62 0	15	53 1	15	42 6	15	31 2
26		2	69 1	2	61 9	2	52 9	2	42 4	2	30 9
27		4	69 0	4	61 7	4	52 7	4	42 2	4	30 7
28		6	68 9	6	61 5	6	52 5	6	42 0	6	30 4
29		8	68 8	8	61 3	8	52 3	8	41 7	8	30 2
30		16	68 7	6	61 1	16	52 1	16	41 4	16	30 0
31		2	68 6	2	61 0	2	51 9	2	41 2	2	29 7
32		4	68 5	4	60 8	4	51 7	4	40 9	4	29 5
33		6	68 4	6	60 6	6	51 5	6	40 7	6	29 2
34		8	68 3	8	60 4	8	51 3	8	40 5	8	29 0
35		17	68 2	7	60 3	17	51 1	17	40 3	17	28 7
36		2	68 1	2	60 1	2	50 9	2	40 1	2	28 4
37		4	68 0	4	59 9	4	50 7	4	39 8	4	28 2
38		6	67 9	6	59 7	6	50 5	6	39 6	6	27 9
39		8	67 8	8	59 6	8	50 3	8	39 4	8	27 7
40		18	67 7	8	59 4	18	50 1	18	39 2	18	27 5
41		2	67 6	2	59 2	2	49 9	2	38 9	2	27 2
42		4	67 5	4	59 1	4	49 7	4	38 7	4	27 0
43		6	67 4	6	58 9	6	49 5	6	38 4	6	26 7
44		8	67 3	8	58 7	8	49 3	8	38 2	8	26 5
45		19	67 2	9	58 5	19	49 1	19	37 9	19	26 2
46		2	67 1	2	58 4	2	48 9	2	37 7	2	26 0
47		4	67 0	4	58 2	4	48 7	4	37 5	4	25 7
48		6	66 9	6	58 0	6	48 5	6	37 3	6	25 5
49		8	66 8	8	57 8	8	48 3	8	37 0	8	25 2
50		20	66 7	10	57 7	20	48 1	20	36 8	20	25 0
51		2	66 6	2	57 6	2	47 9	2	36 6	2	24 8
52		4	66 5	4	57 5	4	47 7	4	36 4	4	24 6
53		6	66 4	6	57 4	6	47 5	6	36 2	6	24 4
54		8	66 3	8	57 3	8	47 3	8	36 0	8	24 2
55		11	66 2	11	57 2	11	47 1	11	35 8	11	24 0
56		2	66 1	2	57 1	2	46 9	2	35 6	2	23 8
57		4	66 0	4	57 0	4	46 7	4	35 4	4	23 6
58		6	65 9	6	56 9	6	46 5	6	35 2	6	23 4
59		8	65 8	8	56 8	8	46 3	8	35 0	8	23 2
60		12	65 7	12	56 7	12	46 1	12	34 8	12	23 0
61		2	65 6	2	56 6	2	45 9	2	34 6	2	22 8
62		4	65 5	4	56 5	4	45 7	4	34 4	4	22 6
63		6	65 4	6	56 4	6	45 5	6	34 2	6	22 4
64		8	65 3	8	56 3	8	45 3	8	34 0	8	22 2
65		12	65 2	12	56 2	12	45 1	12	33 8	12	22 0
66		2	65 1	2	56 1	2	44 9	2	33 6	2	21 8
67		4	65 0	4	56 0	4	44 7	4	33 4	4	21 6
68		6	64 9	6	55 9	6	44 5	6	33 2	6	21 4
69		8	64 8	8	55 8	8	44 3	8	33 0	8	21 2
70		12	64 7	12	55 7	12	44 1	12	32 8	12	21 0
71		2	64 6	2	55 6	2	43 9	2	32 6	2	20 8
72		4	64 5	4	55 5	4	43 7	4	32 4	4	20 6
73		6	64 4	6	55 4	6	43 5	6	32 2	6	20 4
74		8	64 3	8	55 3	8	43 3	8	32 0	8	20 2
75		12	64 2	12	55 2	12	43 1	12	31 8	12	20 0
76		2	64 1	2	55 1	2	42 9	2	31 6	2	19 8
77		4	64 0	4	55 0	4	42 7	4	31 4	4	19 6
78		6	63 9	6	54 9	6	42 5	6	31 2	6	19 4
79		8	63 8	8	54 8	8	42 3	8	31 0	8	19 2
80		12	63 7	12	54 7	12	42 1	12	30 8	12	19 0
81		2	63 6	2	54 6	2	41 9	2	30 6	2	18 8
82		4	63 5	4	54 5	4	41 7	4	30 4	4	18 6
83		6	63 4	6	54 4	6	41 5	6	30 2	6	18 4
84		8	63 3	8	54 3	8	41 3	8	30 0	8	18 2
85		12	63 2	12	54 2	12	41 1	12	29 8	12	18 0
86		2	63 1	2	54 1	2	40 9	2	29 6	2	17 8
87		4	63 0	4	54 0	4	40 7	4	29 4	4	17 6
88		6	62 9	6	53 9	6	40 5	6	29 2	6	17 4
89		8	62 8	8	53 8	8	40 3	8	29 0	8	17 2
90		12	62 7	12	53 7	12	40 1	12	28 8	12	17 0
91		2	62 6	2	53 6	2	39 9	2	28 6	2	16 8
92		4	62 5	4	53 5	4	39 7	4	28 4	4	16 6
93		6	62 4	6	53 4	6	39 5	6	28 2	6	16 4
94		8	62 3	8	53 3	8	39 3	8	28 0	8	16 2
95		12	62 2	12	53 2	12	39 1	12	27 8	12	16 0
96		2	62 1	2	53 1	2	38 9	2	27 6	2	15 8
97		4	62 0	4	53 0	4	38 7	4	27 4	4	15 6
98		6	61 9	6	52 9	6	38 5	6	27 2	6	15 4
99		8	61 8	8	52 8	8	38 3	8	27 0	8	15 2
100		12	61 7	12	52 7	12	38 1	12	26 8	12	15 0
101		2	61 6	2	52 6	2	37 9	2	26 6	2	14 8
102		4	61 5	4	52 5	4	37 7	4	26 4	4	14 6
103		6	61 4	6	52 4	6	37 5	6	26 2	6	14 4
104		8	61 3	8	52 3	8	37 3	8	26 0	8	14 2
105		12	61 2	12	52 2	12	37 1	12	25 8	12	14 0
106		2	61 1	2	52 1	2	36 9	2	25 6	2	13 8
107		4	61 0	4	52 0	4	36 7	4	25 4	4	13 6
108		6	60 9	6	51 9	6	36 5	6	25 2	6	13 4
109		8	60 8	8	51 8	8	36 3	8	25 0	8	13 2
110		12	60 7	12	51 7	12	36 1	12	24 8	12	13 0
111		2	60 6	2	51 6	2	35 9	2	24 6	2	12 8
112		4	60 5	4	51 5	4	35 7	4	24 4	4	12 6
113		6	60 4	6	51 4	6	35 5	6	24 2	6	12 4
114		8	60 3	8	51 3	8	35 3	8	24 0	8	12 2
115		12	60 2	12	51 2	12	35 1	12	23 8	12	12 0
116		2	60 1	2	51 1	2	34 9	2	23 6	2	11 8
117		4	60 0	4	51 0	4	34 7	4	23 4	4	11 6
118		6	59 9	6	50 9	6	34 5	6	23 2	6	11 4
119		8	59 8	8	50 8	8	34 3	8	23 0	8	11 2
120		12	59 7	12	50 7	12	34 1	12	22 8	12	11 0
121		2	59 6	2	50 6	2	33 9	2	22 6	2	10 8
122		4	59 5	4	50 5	4	33 7	4	22 4	4	10 6
123		6	59 4	6	50 4	6	33 5	6	22 2	6	10 4
124		8	59 3	8	50 3	8	33 3	8	22 0	8	10 2
125		12	59 2	12	50 2	12	33 1	12	21 8	12	10 0
126		2	59 1	2	50 1	2	32 9	2	21 6	2	9 8
127		4	59 0	4	50 0	4	32 7	4	21 4	4	9 6
128		6	58 9	6	49 9	6	32 5	6	21 2	6	9 4
129		8	58 8	8	49 8	8	32 3	8	21 0	8	9 2
130		12	58 7	12	49 7	12	32 1	12	20 8	12	9 0
131		2	58 6	2	49 6	2	31 9	2			

GLASS HYDROMETER.

Temperature 64° F

Dive on Stem	Per cent over Proof	Dive on Stem	Per cent over Proof	Dive on Stem	Per cent under Proof	Dive on Stem	Per cent under Proof	Dive on Stem	Per cent under Proof	Dive on Stem	Per cent under Proof	Dive on Stem	Per cent under Proof
40	25 0	50	11 7	60	12 9	70	19 8	80	41 5	90	72 3		
12	24 4	12	11 4	12	12 2	12	20 12	12	42 1	12	72 9		
4	24 5	4	11 3	4	12 3	4	20 6	4	42 6	4	73 5		
6	24 9	6	10 9	6	12 6	6	21 0	6	43 1	6	74 2		
8	24 0	8	10 6	8	12 3	8	21 4	8	43 6	8	74 9		
41	23 7	51	10 3	61	12 8	71	21 8	81	44 1	91	75 8		
12	23 4	12	10 0	12	12 8	12	22 2	12	44 7	12	76 2		
4	23 9	4	9 7	4	12 5	4	22 6	4	45 2	4	76 8		
6	23 6	6	9 4	6	12 5	6	23 0	6	45 8	6	77 4		
8	23 3	8	9 1	8	12 5	8	23 4	8	46 3	8	78 0		
42	22 9	52	8 8	62	12 1	72	23 8	82	46 9	92	78 7		
12	22 1	12	8 5	12	12 4	12	24 2	12	47 5	12	79 3		
4	21 8	4	8 2	4	12 7	4	24 6	4	48 1	4	79 9		
6	21 5	6	7 9	6	12 7	6	25 0	6	48 7	6	80 6		
8	21 3	8	7 6	8	12 7	8	25 4	8	49 3	8	81 2		
43	21 1	53	7 3	63	12 7	73	25 8	83	49 9	93	81 8		
12	20 8	12	7 0	12	12 7	12	26 2	12	50 5	12	82 4		
4	20 5	4	6 7	4	12 8	4	26 6	4	51 1	4	83 0		
6	20 3	6	6 5	6	12 8	6	26 9	6	51 7	6	83 6		
8	20 0	8	6 2	8	12 8	8	27 3	8	52 3	8	84 2		
44	19 8	54	5 9	64	12 2	74	27 7	84	52 9	94	84 8		
12	19 5	12	5 6	12	12 2	12	28 0	12	53 5	12	85 4		
4	19 3	4	5 3	4	12 4	4	28 4	4	54 1	4	86 0		
6	19 0	6	5 0	6	12 4	6	28 8	6	54 8	6	86 6		
8	18 8	8	4 7	8	12 4	8	29 2	8	55 4	8	87 1		
45	18 5	55	4 4	65	12 8	75	29 6	85	56 0	95	87 7		
12	18 3	12	4 1	12	12 2	12	30 0	12	56 7	12	88 2		
4	18 0	4	3 9	4	12 5	4	30 4	4	57 4	4	88 8		
6	17 8	6	3 6	6	12 8	6	30 8	6	58 0	6	89 4		
8	17 5	8	3 3	8	12 2	8	31 3	8	58 7	8	90 0		
46	17 2	56	3 0	66	12 5	76	31 8	86	59 4	96	90 6		
12	16 9	12	2 7	12	12 9	12	32 3	12	60 0	12	91 2		
4	16 7	4	2 4	4	13 2	4	32 8	4	60 6	4	91 7		
6	16 4	6	2 2	6	13 6	6	33 3	6	61 2	6	92 2		
8	16 2	8	1 9	8	14 0	8	33 8	8	61 8	8	92 7		
47	15 9	57	1 6	67	14 3	77	34 2	87	62 4	97	93 1		
12	15 6	12	1 3	12	14 7	12	34 7	12	63 0	12	93 7		
4	15 3	4	1 0	4	15 1	4	35 2	4	63 7	4	94 2		
6	15 0	6	0 7	6	15 4	6	35 6	6	64 4	6	94 7		
8	14 7	8	0 4	8	15 7	8	36 0	8	65 1	8	95 2		
48	14 5	58	0 1	68	16 1	78	36 5	88	65 7	98	95 7		
12	14 2	12	0 2	12	16 5	12	37 0	12	66 4	12	96 3		
4	14 0	4	0 5	4	16 8	4	37 5	4	67 1	4	96 8		
6	13 7	6	0 8	6	17 1	6	37 9	6	67 7	6	97 3		
8	13 5	8	1 1	8	17 5	8	38 4	8	68 4	8	97 9		
49	13 2	59	1 4	69	17 9	79	38 9	89	69 1	99	98 4		
12	12 9	12	1 7	12	18 3	12	39 4	12	69 7	12	99 0		
4	12 6	4	2 0	4	18 7	4	39 9	4	70 4	4	99 4		
6	12 3	6	2 3	6	19 1	6	40 4	6	71 1	6	99 9		
8	12 0	8	2 6	8	19 4	8	41 0	8	71 7	8			
50	11 7	60	2 9	70	19 8	80	41 5	90	72 3	100			

A

Temperature 65° F.

Days on Stem		Per cent over Proof	Days on Stem		Per cent over Proof	Days on Stem		Per cent over Proof	Days on Stem		Per cent over Proof	Days on Stem		Per cent over Proof	Days on Stem		Per cent over Proof
A			A			A			A			A			A		
0	10	72 3	0	10	65 8	0	10	57 4	0	10	47 8	0	10	36 5	0	10	26 0
2	12	72 12	2	12	65 6	2	12	57 2	2	12	47 6	2	12	36 3	2	12	25 8
4	14	72 1	4	14	65 5	4	14	57 0	4	14	47 4	4	14	36 1	4	14	25 6
6	16	72 0	6	16	65 3	6	16	56 9	6	16	47 2	6	16	35 9	6	16	25 4
8	18	71 8	8	18	65 1	8	18	56 7	8	18	47 0	8	18	35 7	8	18	25 2
1	21	71 7	1	21	65 0	1	21	56 5	1	21	46 8	1	21	35 4	1	21	25 0
2	22	71 6	2	22	64 9	2	22	56 3	2	22	46 6	2	22	35 2	2	22	24 8
4	24	71 4	4	24	64 7	4	24	56 1	4	24	46 4	4	24	35 0	4	24	24 6
6	26	71 3	6	26	64 6	6	26	55 9	6	26	46 2	6	26	34 8	6	26	24 4
8	28	71 2	8	28	64 4	8	28	55 7	8	28	46 0	8	28	34 5	8	28	24 2
12	32	71 0	12	32	64 3	12	32	55 6	12	32	45 7	12	32	34 3	12	32	24 0
2	34	70 0	2	34	64 1	2	34	55 3	2	34	45 5	2	34	34 1	2	34	23 8
4	36	70 8	4	36	63 9	4	36	55 2	4	36	45 3	4	36	33 8	4	36	23 6
6	38	70 7	6	38	63 8	6	38	55 0	6	38	45 1	6	38	33 6	6	38	23 4
8	40	70 5	8	40	63 6	8	40	54 8	8	40	44 9	8	40	33 4	8	40	23 2
3	42	70 4	3	42	63 5	3	42	54 6	3	42	44 7	3	42	33 2	3	42	23 0
5	44	70 3	5	44	63 3	5	44	54 5	5	44	44 4	5	44	32 0	5	44	22 8
7	46	70 1	7	46	63 1	7	46	54 3	7	46	44 2	7	46	31 8	7	46	22 6
9	48	70 0	9	48	63 0	9	48	54 1	9	48	44 0	9	48	31 5	9	48	22 4
10	50	69 0	10	50	62 8	10	50	53 9	10	50	43 8	10	50	31 3	10	50	22 2
		69 7			62 7			53 7			43 5			31 0			22 0
		69 6			62 5			53 5			43 3			30 8			21 8
		69 5			62 3			53 3			43 0			30 6			21 6
		69 3			62 1			53 1			42 8			30 4			21 4
		69 2			61 9			52 9			42 5			30 2			21 2
		69 1			61 8			52 8			42 3			30 0			21 0
		68 9			61 6			52 6			42 0			29 8			20 8
		68 8			61 4			52 4			41 8			29 6			20 6
		68 7			61 3			52 2			41 6			29 4			20 4
		68 6			61 1			52 0			41 3			29 2			20 2
		68 5			60 9			51 9			41 1			29 0			20 0
		68 4			60 7			51 7			40 9			28 8			19 8
		68 3			60 6			51 5			40 7			28 6			19 6
		68 2			60 4			51 3			40 4			28 4			19 4
		68 0			60 2			51 1			40 2			28 2			19 2
		67 9			60 0			50 9			40 0			28 0			19 0
		67 8			59 9			50 7			39 8			27 8			18 8
		67 7			59 7			50 5			39 5			27 5			18 5
		67 6			59 5			50 3			39 3			27 3			18 3
		67 5			59 3			50 0			39 1			27 0			18 0
		67 4			59 1			49 8			38 8			26 8			17 8
		67 3			59 0			49 6			38 6			26 6			17 6
		67 1			58 8			49 4			38 3			26 4			17 4
		67 0			58 6			49 2			38 1			26 2			17 2
		66 9			58 5			49 0			37 9			26 0			17 0
		66 7			58 3			48 8			37 6			25 8			16 8
		66 6			58 2			48 6			37 4			25 6			16 6
		66 5			58 1			48 4			37 2			25 4			16 4
		66 3			58 0			48 2			37 0			25 2			16 2
		66 2			57 8			48 0			36 7			25 0			16 0
		66 1			57 6			47 8			36 5			24 8			15 8
		66 0			57 4									24 6			15 6

GLASS HYDROMETER.

Temperature 65° F.

Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof	Days on Stem	Per cent under Proof	Days on Stem	Per cent under Proof	Days on Stem	Per cent under Proof	Days on Stem	Per cent under Proof	Days on Stem	Per cent under Proof
40	24 7	50	11 3	60	3 3	70	20 2	80	41 9	90	72 5		
12	24 4	12	11 0	2	3 6	2	20 6	2	42 4	2	73 1		
4	24 2	4	10 8	4	3 9	4	21 0	4	42 9	4	73 7		
0	23 9	0	10 5	6	4 2	6	21 4	6	43 4	6	74 4		
8	23 7	8	10 2	8	4 5	8	21 8	8	44 0	8	75 0		
41	23 4	51	9 9	61	4 8	71	22 2	81	44 5	91	75 7		
2	23 2	2	9 6	2	5 2	2	22 6	2	45 0	2	76 3		
4	22 9	4	9 3	4	5 5	4	23 0	4	45 6	4	76 9		
6	22 6	6	9 0	6	5 8	6	23 4	6	46 2	6	77 5		
8	22 4	8	8 7	8	6 1	8	23 8	8	46 8	8	78 1		
42	22 1	52	8 4	62	6 4	72	24 2	82	47 3	92	78 8		
2	21 8	2	8 1	2	6 7	2	24 6	2	47 9	2	79 4		
4	21 6	4	7 8	4	7 0	4	25 0	4	48 5	4	80 0		
6	21 3	6	7 5	6	7 3	6	25 4	6	49 0	6	80 7		
8	21 0	8	7 3	8	7 7	8	25 8	8	49 6	8	81 3		
43	20 7	53	7 0	63	8 0	73	26 2	83	50 1	93	81 9		
2	20 5	2	6 7	2	8 3	2	26 6	2	50 7	2	82 5		
4	20 2	4	6 4	4	8 6	4	26 9	4	51 3	4	83 1		
6	20 0	6	6 1	6	8 9	6	27 2	6	51 9	6	83 7		
8	19 7	8	5 8	8	9 2	8	27 6	8	52 5	8	84 3		
44	19 5	54	5 5	64	9 6	74	28 0	84	53 1	94	84 9		
2	19 2	2	5 2	2	9 9	2	28 4	2	53 7	2	85 5		
4	19 0	4	4 9	4	10 2	4	28 8	4	54 3	4	86 1		
6	18 7	6	4 6	6	10 5	6	29 2	6	54 9	6	86 7		
8	18 5	8	4 3	8	10 9	8	29 6	8	55 5	8	87 2		
45	18 2	55	4 0	65	11 2	75	30 0	85	56 1	95	87 8		
2	17 9	2	3 8	2	11 6	2	30 5	2	56 8	2	88 3		
4	17 7	4	3 5	4	11 9	4	31 0	4	57 4	4	88 9		
6	17 4	6	3 2	6	12 2	6	31 4	6	58 0	6	89 5		
8	17 2	8	3 0	8	12 5	8	31 8	8	58 7	8	90 1		
46	16 9	56	2 7	66	12 9	76	32 3	86	59 3	96	90 7		
2	16 6	2	2 4	2	13 2	2	32 8	2	59 9	2	91 3		
4	16 3	4	2 1	4	13 6	4	33 2	4	60 6	4	91 8		
6	16 1	6	1 8	6	14 0	6	33 7	6	61 3	6	92 3		
8	15 8	8	1 5	8	14 4	8	34 2	8	62 0	8	92 8		
47	15 5	57	1 2	67	14 7	77	34 7	87	62 6	97	93 4		
2	15 2	2	0 9	2	15 1	2	35 1	2	63 3	2	93 9		
4	14 9	4	0 6	4	15 4	4	35 5	4	64 0	4	94 4		
6	14 7	6	0 3	6	15 7	6	36 0	6	64 7	6	94 9		
8	14 4	8		8	16 1	8	36 5	8	65 3	8	95 4		
48	14 1	58	0 3	68	16 5	78	37 0	88	66 0	98	95 9		
2	13 9	2	0 6	2	16 9	2	37 5	2	66 7	2	96 4		
4	13 6	4	0 9	4	17 2	4	38 0	4	67 3	4	96 9		
6	13 3	6	1 2	6	17 5	6	38 4	6	67 9	6	97 4		
8	13 1	8	1 5	8	17 9	8	38 9	8	68 6	8	98 0		
49	12 8	59	1 8	69	18 3	79	39 4	89	69 3	99	98 5		
2	12 5	2	2 1	2	18 6	2	39 9	2	69 9	2	99 0		
4	12 2	4	2 4	4	19 0	4	40 4	4	70 6	4	99 6		
6	11 9	6	2 7	6	19 4	6	40 9	6	71 3	6	100 0		
8	11 6	8	3 0	8	19 8	8	41 4	8	71 9	8			
50	11 3	60	3 3	70	20 2	80	41 9	90	72 5	100			

GLASS HYDROMETER

A

Temperature 66° F.

Divs on Stem A	Per cent over Proof	Divs on Stem A	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof
0		10	72 2	0	65 6	10	57 1	20	47 5	30	36 2		
12		2	72 1	2	65 4	2	57 0	2	47 3	2	36 0		
4		4	72 0	4	65 3	4	56 8	4	47 1	4	35 8		
6		6	71 8	6	65 1	6	56 6	6	46 9	6	35 6		
8		8	71 7	8	64 9	8	56 4	8	46 7	8	35 4		
1		9	71 6	1	64 8	9	56 3	9	46 5	9	35 1		
12		11	71 5	11	64 7	11	56 1	11	46 3	11	34 9		
4		2	71 3	2	64 5	2	55 9	2	46 1	2	34 7		
6		4	71 2	4	64 3	4	55 7	4	45 9	4	34 4		
8		6	71 1	6	64 2	6	55 5	6	45 7	6	34 2		
12		8	70 9	8	64 1	8	55 3	8	45 4	8	34 0		
2		12	70 8	12	63 9	12	55 1	12	45 2	12	33 8		
4		2	70 7	2	63 7	2	54 9	2	45 0	2	33 5		
6		4	70 5	4	63 6	4	54 7	4	44 8	4	33 3		
8		6	70 4	6	63 4	6	54 5	6	44 6	6	33 1		
3		8	70 3	8	63 3	8	54 3	8	44 4	8	32 9		
12		13	70 1	13	63 1	13	54 2	13	44 1	13	32 6		
4		2	70 0	2	62 9	2	54 0	2	43 9	2	32 4		
6		4	69 9	4	62 7	4	53 8	4	43 6	4	32 1		
8		6	69 7	6	62 5	6	53 6	6	43 4	6	31 9		
4		8	69 6	8	62 4	8	53 5	8	43 2	8	31 7		
2		14	69 5	14	62 2	14	53 3	14	43 0	14	31 4		
4		2	69 3	2	62 0	2	53 1	2	42 9	2	31 2		
6		4	69 2	4	61 9	4	52 9	4	42 7	4	31 0		
8		6	69 1	6	61 7	6	52 7	6	42 5	6	30 8		
5		9	69 0	9	61 5	9	52 5	9	42 2	9	30 5		
2		15	68 8	15	61 3	15	52 3	15	42 0	15	30 3		
4	75 2	2	68 7	2	61 2	2	52 2	2	41 7	2	30 0		
6	75 1	4	68 6	4	61 0	4	52 1	4	41 5	4	29 8		
8	75 0	6	68 4	6	60 8	6	51 9	6	41 2	6	29 5		
6	74 9	8	68 3	8	60 7	8	51 7	8	41 0	8	29 3		
2	74 7	10	68 2	10	60 5	10	51 5	10	40 7	10	29 0		
4	74 6	2	68 1	2	60 3	2	51 3	2	40 5	2	28 8		
6	74 4	4	67 9	4	60 1	4	51 1	4	40 3	4	28 5		
8	74 3	6	67 8	6	59 9	6	50 9	6	40 1	6	28 3		
7	74 2	8	67 7	8	59 8	8	50 7	8	39 9	8	28 1		
2	74 0	17	67 5	17	59 7	17	50 5	17	39 7	17	27 9		
4	73 9	2	67 4	2	59 5	2	50 3	2	39 5	2	27 7		
6	73 8	4	67 3	4	59 3	4	50 1	4	39 2	4	27 4		
8	73 6	6	67 1	6	59 1	6	49 9	6	39 0	6	27 2		
8	73 5	8	67 0	8	58 9	8	49 7	8	38 8	8	26 9		
2	73 4	18	66 9	18	58 7	18	49 5	18	38 5	18	26 6		
1	73 3	2	66 7	2	58 5	2	49 3	2	38 2	2	26 4		
6	73 1	4	66 6	4	58 4	4	49 1	4	38 0	4	26 2		
8	73 0	6	66 4	6	58 2	6	48 9	6	37 8	6	25 9		
9	72 9	8	66 2	8	58 1	8	48 7	8	37 6	8	25 7		
2	72 7	19	66 1	19	58 0	19	48 5	19	37 3	19	25 4		
4	72 6	2	66 0	2	57 9	2	48 3	2	37 1	2	25 2		
6	72 5	4	65 9	4	57 7	4	48 1	4	36 9	4	24 9		
8	72 4	6	65 7	6	57 5	6	47 9	6	36 7	6	24 7		
10	72 2	8	65 6	8	57 3	8	47 7	8	36 4	8	24 4		
		20		20	57 1	20	47 5	20	36 2	20			

GLASS HYDROMETER.

Temperature 66° F.

Dive on Stem	Per cent over Proof	Dive on Stem	Per cent over Proof	Dive on Stem	Per cent under Proof	Dive on Stem	Per cent under Proof	Dive on Stem	Per cent under Proof	Dive on Stem	Per cent under Proof	Dive on Stem	Per cent under Proof	Dive on Stem	Per cent under Proof
40	21 4	50	11 1	60	3 6	70	20 6	80	42 4	90	72 7	100	72 7		
12	21 4	12	10 8	12	4 0	12	21 0	12	42 0	22	73 3	22	73 3		
4	21 4	4	10 5	4	4 4	4	21 4	4	43 4	4	73 9	4	73 9		
8	21 4	8	10 2	8	4 6	8	21 8	8	43 0	8	74 6	8	74 6		
16	21 3	16	9 9	16	4 9	16	22 2	16	44 4	16	75 2	16	75 2		
24	21 3	24	9 3	24	5 5	24	22 6	24	44 9	24	75 9	24	75 9		
32	21 3	32	8 7	32	6 1	32	23 0	32	45 5	32	76 5	32	76 5		
40	21 3	40	8 4	40	6 4	40	23 4	40	46 0	40	77 1	40	77 1		
48	21 3	48	8 1	48	6 8	48	23 8	48	46 6	48	77 7	48	77 7		
56	21 0	56	7 5	56	7 1	56	24 2	56	47 2	56	78 3	56	78 3		
64	21 0	64	7 2	64	7 4	64	24 6	64	47 7	64	78 9	64	78 9		
72	20 7	72	6 6	72	8 0	72	25 0	72	48 3	72	79 5	72	79 5		
80	20 3	80	6 3	80	8 3	80	25 4	80	48 9	80	80 1	80	80 1		
88	20 3	88	6 0	88	8 6	88	25 8	88	49 5	88	80 8	88	80 8		
96	20 0	96	5 3	96	8 9	96	26 2	96	50 1	96	81 4	96	81 4		
104	20 0	104	5 0	104	9 2	104	26 6	104	50 6	104	82 0	104	82 0		
112	19 7	112	4 3	112	9 6	112	27 0	112	51 1	112	82 6	112	82 6		
120	19 5	120	4 0	120	10 0	120	27 4	120	51 7	120	83 2	120	83 2		
128	19 2	128	3 7	128	10 3	128	27 8	128	52 2	128	83 8	128	83 8		
136	19 0	136	3 4	136	10 6	136	28 2	136	52 8	136	84 4	136	84 4		
144	18 7	144	3 1	144	10 9	144	28 6	144	53 4	144	85 0	144	85 0		
152	18 5	152	2 8	152	11 2	152	29 0	152	54 0	152	85 6	152	85 6		
160	18 2	160	2 5	160	11 6	160	29 4	160	54 6	160	86 2	160	86 2		
168	18 0	168	2 2	168	11 9	168	29 8	168	55 2	168	86 8	168	86 8		
176	17 7	176	1 9	176	12 3	176	30 2	176	55 8	176	87 3	176	87 3		
184	17 4	184	1 6	184	12 6	184	30 6	184	56 4	184	87 9	184	87 9		
192	17 1	192	1 3	192	12 9	192	31 0	192	57 0	192	88 4	192	88 4		
200	16 8	200	1 0	200	13 2	200	31 4	200	57 6	200	89 0	200	89 0		
208	16 5	208	7 7	208	13 6	208	31 8	208	58 2	208	89 6	208	89 6		
216	16 3	216	7 4	216	14 0	216	32 2	216	58 8	216	90 2	216	90 2		
224	16 0	224	7 1	224	14 4	224	32 6	224	59 4	224	90 8	224	90 8		
232	15 7	232	6 8	232	14 8	232	33 0	232	60 0	232	91 4	232	91 4		
240	15 4	240	6 5	240	15 1	240	33 4	240	60 6	240	91 9	240	91 9		
248	15 1	248	6 2	248	15 5	248	33 8	248	61 2	248	92 5	248	92 5		
256	14 8	256	5 9	256	15 8	256	34 2	256	61 8	256	93 1	256	93 1		
264	14 6	264	5 6	264	16 1	264	34 6	264	62 4	264	93 6	264	93 6		
272	14 3	272	5 3	272	16 5	272	35 0	272	63 0	272	94 2	272	94 2		
280	14 0	280	5 0	280	16 9	280	35 4	280	63 6	280	94 7	280	94 7		
288	13 7	288	4 7	288	17 3	288	35 8	288	64 2	288	95 3	288	95 3		
296	13 4	296	4 4	296	17 6	296	36 2	296	64 8	296	95 8	296	95 8		
304	13 2	304	4 1	304	17 9	304	36 6	304	65 4	304	96 4	304	96 4		
312	12 9	312	3 8	312	18 3	312	37 0	312	66 0	312	96 9	312	96 9		
320	12 6	320	3 5	320	18 7	320	37 4	320	66 6	320	97 5	320	97 5		
328	12 3	328	3 2	328	19 1	328	37 8	328	67 2	328	98 1	328	98 1		
336	12 0	336	2 9	336	19 5	336	38 2	336	67 8	336	98 6	336	98 6		
344	11 7	344	2 6	344	19 8	344	38 6	344	68 4	344	99 1	344	99 1		
352	11 4	352	2 3	352	20 2	352	39 0	352	69 0	352	99 6	352	99 6		
360	11 1	360	2 0	360	20 6	360	39 4	360	69 6	360		360			

GLASS HYDROMETER.

A

Temperature 67° F.

Days on Stem A	Per cent over Proof	Days on Stem A	Per cent over Proof	Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof
0		10	72 0	0	65 3	10	56 9	20	47 3	30	35 9		
2		2	71 9	2	65 2	2	56 7	2	47 1	2	35 7		
4		4	71 8	4	65 0	4	56 5	4	46 9	4	35 5		
6		6	71 6	6	64 9	6	56 3	6	46 7	6	35 3		
8		8	71 5	8	64 7	8	56 1	8	46 5	8	35 1		
1		11	71 4	1	64 6	11	55 9	21	46 3	31	34 8		
2		2	71 3	2	64 4	2	55 8	2	46 0	2	34 6		
4		4	71 1	4	64 3	4	55 6	4	45 8	4	34 4		
6		6	71 0	6	64 1	6	55 4	6	45 6	6	34 1		
8		8	70 9	8	64 0	8	55 2	8	45 4	8	33 9		
12		12	70 7	12	63 8	12	55 0	12	45 1	12	33 7		
2		2	70 6	2	63 7	2	54 8	2	44 9	2	33 5		
4		4	70 5	4	63 5	4	54 7	4	44 7	4	33 2		
6		6	70 3	6	63 3	6	54 5	6	44 5	6	33 0		
8		8	70 2	8	63 2	8	54 3	8	44 3	8	32 7		
3		13	70 1	3	63 0	13	54 1	23	44 1	33	32 5		
2		2	69 9	2	62 9	2	53 9	2	43 9	2	32 3		
4		4	69 8	4	62 7	4	53 7	4	43 6	4	32 1		
6		6	69 7	6	62 5	6	53 5	6	43 3	6	31 8		
8		8	69 5	8	62 3	8	53 3	8	43 1	8	31 6		
4		14	69 4	4	62 1	14	53 2	24	42 8	34	31 4		
2		2	69 3	2	62 0	2	53 0	2	42 6	2	31 1		
4		4	69 1	4	61 8	4	52 8	4	42 3	4	30 9		
6		6	69 0	6	61 6	6	52 7	6	42 1	6	30 7		
8		8	68 9	8	61 4	8	52 5	8	41 9	8	30 5		
5	75 2	15	68 8	5	61 3	15	52 3	25	41 6	35	30 2		
2	75 1	2	68 0	2	61 1	2	52 1	2	41 4	2	29 9		
4	75 6	4	68 5	4	60 9	4	51 9	4	41 2	4	29 7		
6	74 9	6	68 4	6	60 7	6	51 7	6	40 9	6	29 4		
8	71 8	8	68 2	8	60 8	8	51 5	8	40 7	8	29 2		
6	74 7	18	68 1	6	60 4	16	51 3	26	40 4	36	29 0		
2	74 5	2	68 0	2	60 3	2	51 1	2	40 2	2	28 7		
4	74 4	4	67 9	4	60 1	4	50 9	4	40 0	4	28 5		
6	74 2	6	67 7	6	59 9	6	50 7	6	39 8	6	28 2		
8	74 1	8	67 6	8	59 7	8	50 5	8	39 6	8	28 0		
7	74 0	17	67 5	7	59 5	17	50 3	27	39 4	37	27 7		
2	73 8	2	67 3	2	59 4	2	50 1	2	39 2	2	27 5		
4	73 7	4	67 2	4	59 2	4	49 9	4	38 9	4	27 3		
6	73 6	6	67 1	6	59 0	6	49 7	6	38 6	6	27 0		
8	73 4	8	66 9	8	58 8	8	49 5	8	38 4	8	26 8		
8	73 3	18	66 8	8	58 7	18	49 3	28	38 2	38	26 6		
2	73 2	2	66 7	2	58 5	2	49 1	2	37 9	2	26 3		
4	73 1	4	66 5	4	58 3	4	48 9	4	37 7	4	26 1		
6	72 9	6	66 4	6	58 1	6	48 7	6	37 5	6	25 9		
8	72 8	8	66 2	8	57 9	8	48 5	8	37 3	8	25 6		
9	72 7	19	66 1	9	57 8	19	48 3	29	37 0	39	25 4		
2	72 5	2	65 9	2	57 6	2	48 1	2	36 8	2	25 2		
4	72 4	4	65 8	4	57 4	4	47 9	4	36 6	4	24 9		
6	72 3	6	65 7	6	57 3	6	47 7	6	36 4	6	24 6		
8	72 2	8	65 5	8	57 1	8	47 5	8	36 1	8	24 4		
10	72 0	20	65 3	10	56 9	20	47 3	30	35 9	40	24 1		

GLASS HYDROMETER

Temperature 67° F

Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof	Days on Stem	Per cent under Proof	Days on Stem	Per cent under Proof	Days on Stem	Per cent under Proof	Days on Stem	Per cent under Proof	Days on Stem	Per cent under Proof	Days on Stem	Per cent under Proof
40	21 1	50	10 7	60	4 0	70	21 0	80	42 8	90	72 9				
2	23 8	2	10 4	2	4 3	2	21 3	2	43 3	2	73 5				
4	23 6	4	10 1	4	4 6	4	21 7	4	43 6	4	74 1				
6	23 3	6	9 8	6	4 9	6	22 1	6	44 3	6	74 8				
8	23 1	8	9 6	8	5 2	8	22 5	8	44 8	8	75 4				
41	23 8	51	9 3	61	5 5	71	23 8	81	45 4	91	76 1				
12	23 5	12	9 0	12	5 8	12	23 2	12	45 9	12	76 7				
4	23 3	4	8 7	4	6 1	4	23 6	4	46 4	4	77 3				
6	23 0	6	8 4	6	6 4	6	24 0	6	47 0	6	77 9				
8	21 7	8	8 1	8	6 7	8	24 4	8	47 5	8	78 4				
42	21 5	52	7 8	62	7 0	72	24 8	82	48 1	92	79 0				
2	21 2	2	7 5	2	7 3	2	25 2	2	49 0	2	79 6				
4	20 0	4	7 2	4	7 7	4	25 6	4	49 1	4	80 2				
6	20 0	6	6 9	6	8 0	6	26 0	6	49 7	6	80 9				
8	20 4	8	6 6	8	8 3	8	26 4	8	50 2	8	81 5				
43	20 1	53	6 3	63	8 6	73	26 8	83	50 8	93	82 1				
2	19 9	2	6 0	2	9 0	2	27 2	2	51 4	2	82 7				
4	19 0	4	5 7	4	9 3	4	27 6	4	51 0	4	83 3				
6	19 3	6	5 4	6	9 6	6	28 0	6	52 5	6	83 9				
8	19 1	8	5 1	8	9 9	8	28 4	8	53 1	8	84 5				
44	19 8	54	4 8	64	10 2	74	28 8	84	53 7	94	85 1				
2	18 6	2	4 5	2	10 5	2	29 2	2	54 3	2	85 7				
4	18 3	4	4 2	4	10 8	4	29 6	4	54 0	4	86 3				
6	18 1	6	4 0	6	11 2	6	30 0	6	55 5	6	86 9				
8	17 8	8	3 7	8	11 5	8	30 4	8	56 1	8	87 4				
45	17 6	55	3 4	65	11 9	75	30 8	85	56 7	95	88 0				
2	17 3	2	3 1	2	12 2	2	31 3	2	57 4	2	88 5				
4	17 1	4	2 9	4	12 5	4	31 8	4	58 0	4	89 1				
6	16 8	6	2 6	6	12 9	6	32 2	6	58 6	6	89 7				
8	16 5	8	2 3	8	13 2	8	32 6	8	59 3	8	90 3				
46	16 3	56	2 0	66	13 6	76	33 1	86	59 9	96	90 9				
2	16 0	2	1 7	2	13 9	2	33 6	2	60 5	2	91 5				
4	15 8	4	1 4	4	14 3	4	34 1	4	61 2	4	92 0				
6	15 5	6	1 1	6	14 7	6	34 6	6	61 8	6	92 5				
8	15 3	8	0 8	8	15 1	8	35 0	8	62 5	8	93 0				
47	15 0	57	0 5	67	15 4	77	35 4	87	63 2	97	93 6				
2	14 7	2	0 2	2	15 8	2	35 9	2	63 8	2	94 1				
4	14 4	4	0 1	4	16 2	4	36 3	4	64 5	4	94 6				
6	14 2	6	0 4	6	16 5	6	36 8	6	65 1	6	95 1				
8	13 9	8	0 7	8	16 9	8	37 3	8	65 8	8	95 6				
48	13 6	58	1 0	68	17 3	78	37 8	88	66 4	98	96 1				
2	13 3	2	1 3	2	17 6	2	38 3	2	67 1	2	96 6				
4	13 0	4	1 6	4	18 0	4	38 8	4	67 7	4	97 1				
6	12 8	6	1 9	6	18 3	6	39 2	6	68 3	6	97 6				
8	12 5	8	2 2	8	18 7	8	39 7	8	69 0	8	98 2				
49	12 2	59	2 5	69	19 0	79	40 2	89	69 7	99	98 7				
2	11 9	2	2 8	2	19 4	2	40 7	2	70 3	2	99 2				
4	11 6	4	3 1	4	19 8	4	41 2	4	71 0	4	99 7				
6	11 3	6	3 4	6	20 2	6	41 8	6	71 7	6					
8	11 0	8	3 7	8	20 6	8	42 3	8	72 3	8					
50	10 7	60	4 0	70	21 0	80	42 8	90	72 9	100					

GLASS HYDROMETER.

A

Temperature 68° F.

Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof
0		10	71 8	0	65 1	10	56 7	20	47 0	30	35 6
1		11	71 7	1	65 0	11	56 5	21	46 8	31	35 4
2		12	71 6	2	64 8	12	56 3	22	46 6	32	35 2
3		13	71 4	3	64 7	13	56 1	23	46 4	33	35 0
4		14	71 3	4	64 6	14	55 9	24	46 1	34	34 8
5		15	71 2	5	64 4	15	55 7	25	45 9	35	34 5
6		16	71 1	6	64 2	16	55 5	26	45 7	36	34 3
7		17	70 9	7	64 1	17	55 3	27	45 5	37	34 1
8		18	70 8	8	63 8	18	55 1	28	45 3	38	33 8
9		19	70 7	9	63 7	19	54 9	29	45 1	39	33 6
10		20	70 5	10	63 6	20	54 8	30	44 8	40	33 2
11		21	70 4	11	63 5	21	54 6	31	44 6		
12		22	70 3	12	63 3	22	54 4	32	44 4		
13		23	70 1	13	63 1	23	54 2	33	44 2		
14		24	70 0	14	62 9	24	54 1	34	44 0		
15		25	69 9	15	62 8	25	53 9	35	43 7		
16		26	69 7	16	62 6	26	53 7	36	43 5		
17		27	69 6	17	62 4	27	53 5	37	43 3		
18		28	69 5	18	62 3	28	53 3	38	43 0		
19		29	69 3	19	62 1	29	53 1	39	42 8		
20		30	69 2	20	61 9	30	52 9	40	42 5		
21		31	69 1	21	61 7	31	52 8	41	42 3		
22		32	68 9	22	61 5	32	52 6	42	42 0		
23		33	68 8	23	61 4	33	52 4	43	41 8		
24		34	68 7	24	61 2	34	52 2	44	41 5		
25		35	68 6	25	61 0	35	52 0	45	41 3		
26		36	68 4	26	60 8	36	51 8	46	41 0		
27		37	68 3	27	60 7	37	51 6	47	40 8		
28		38	68 2	28	60 5	38	51 4	48	40 6		
29		39	68 1	29	60 3	39	51 2	49	40 4		
30		40	67 9	30	60 1	40	51 0	50	40 1		
31		41	67 8	31	60 0	41	50 8	51	39 9		
32		42	67 7	32	59 8	42	50 6	52	39 7		
33		43	67 6	33	59 7	43	50 4	53	39 5		
34		44	67 5	34	59 5	44	50 2	54	39 3		
35		45	67 4	35	59 3	45	50 0	55	39 1		
36		46	67 3	36	59 1	46	49 8	56	38 9		
37		47	67 2	37	58 9	47	49 6	57	38 7		
38		48	67 1	38	58 8	48	49 4	58	38 4		
39		49	67 0	39	58 6	49	49 2	59	38 1		
40		50	66 9	40	58 5	50	49 0	60	37 8		
41		51	66 8	41	58 3	51	48 8	61	37 6		
42		52	66 7	42	58 1	52	48 6	62	37 4		
43		53	66 6	43	57 9	53	48 4	63	37 2		
44		54	66 5	44	57 7	54	48 2	64	36 9		
45		55	66 4	45	57 5	55	48 0	65	36 7		
46		56	66 3	46	57 4	56	47 8	66	36 5		
47		57	66 2	47	57 2	57	47 6	67	36 3		
48		58	66 1	48	57 0	58	47 4	68	36 1		
49		59	66 0	49	56 8	59	47 2	69	35 8		
50		60	65 9	50	56 7	60	47 0	70	35 6		
51		61	65 8	51	56 6						
52		62	65 7	52	56 5						
53		63	65 6	53	56 4						
54		64	65 5	54	56 3						
55		65	65 4	55	56 2						
56		66	65 3	56	56 1						
57		67	65 2	57	56 0						
58		68	65 1	58	55 9						
59		69	65 0	59	55 8						
60		70	64 9	60	55 7						
61		71	64 8	61	55 6						
62		72	64 7	62	55 5						
63		73	64 6	63	55 4						
64		74	64 5	64	55 3						
65		75	64 4	65	55 2						
66		76	64 3	66	55 1						
67		77	64 2	67	55 0						
68		78	64 1	68	54 9						
69		79	64 0	69	54 8						
70		80	63 9	70	54 7						
71		81	63 8	71	54 6						
72		82	63 7	72	54 5						
73		83	63 6	73	54 4						
74		84	63 5	74	54 3						
75		85	63 4	75	54 2						
76		86	63 3	76	54 1						
77		87	63 2	77	54 0						
78		88	63 1	78	53 9						
79		89	63 0	79	53 8						
80		90	62 9	80	53 7						
81		91	62 8	81	53 6						
82		92	62 7	82	53 5						
83		93	62 6	83	53 4						
84		94	62 5	84	53 3						
85		95	62 4	85	53 2						
86		96	62 3	86	53 1						
87		97	62 2	87	53 0						
88		98	62 1	88	52 9						
89		99	62 0	89	52 8						
90		100	61 9	90	52 7						
91			61 8	91	52 6						
92			61 7	92	52 5						
93			61 6	93	52 4						
94			61 5	94	52 3						
95			61 4	95	52 2						
96			61 3	96	52 1						
97			61 2	97	52 0						
98			61 1	98	51 9						
99			61 0	99	51 8						
100			60 9	100	51 7						

GLASS HYDROMETER.

Temperature 68° F.

Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent under Proof	Divs on Stem	Per cent under Proof	Divs on Stem	Per cent under Proof	Divs on Stem	Per cent under Proof	Divs on Stem	Per cent under Proof
40	23 7	50	10 4	60	4 3	70	21 4	80	43 2	90	73 2		
2	23 5	2	10 1	2	4 6	2	21 8	2	43 7	2	73 8		
4	23 2	4	9 8	4	4 9	4	22 2	4	44 1	4	74 4		
6	22 9	6	9 5	6	5 2	6	22 6	6	44 7	6	75 1		
8	22 7	8	9 2	8	5 5	8	23 0	8	45 2	8	75 7		
41	22 4	51	8 9	61	5 8	71	23 4	81	45 7	91	76 3		
2	22 1	2	8 6	2	6 1	2	23 8	2	46 2	2	76 9		
4	21 8	4	8 3	4	6 4	4	24 2	4	46 8	4	77 5		
6	21 6	6	8 0	6	6 7	6	24 6	6	47 3	6	78 1		
8	21 3	8	7 7	8	7 1	8	25 0	8	47 9	8	78 7		
42	21 0	52	7 4	62	7 4	72	25 4	82	48 4	92	79 3		
2	20 7	2	7 1	2	7 7	2	25 8	2	49 0	2	79 9		
4	20 5	4	6 9	4	8 0	4	26 1	4	49 6	4	80 5		
6	20 3	6	6 6	6	8 3	6	26 5	6	50 1	6	81 1		
8	20 0	8	6 3	8	8 7	8	26 9	8	50 7	8	81 7		
43	19 8	53	0 0	63	9 0	73	27 2	83	51 2	93	82 3		
2	19 6	2	5 7	2	9 3	2	27 6	2	51 8	2	82 9		
4	19 3	4	5 4	4	9 6	4	27 9	4	52 4	4	83 5		
6	19 1	6	5 1	6	9 9	6	28 3	6	53 0	6	84 1		
8	18 8	8	4 8	8	10 3	8	28 7	8	53 6	8	84 6		
44	18 5	54	4 5	64	10 6	74	29 1	84	54 2	94	85 2		
2	18 2	2	4 2	2	10 9	2	29 6	2	54 8	2	85 8		
4	18 0	4	3 9	4	11 3	4	30 0	4	55 4	4	86 4		
6	17 7	6	3 7	6	11 6	6	30 4	6	56 0	6	87 0		
8	17 5	8	3 4	8	11 9	8	30 8	8	56 8	8	87 6		
45	17 2	55	3 1	65	12 3	75	31 3	85	57 2	95	88 1		
2	17 0	2	2 8	2	12 6	2	31 7	2	57 8	2	88 6		
4	16 7	4	2 5	4	12 9	4	32 1	4	58 4	4	89 2		
6	16 4	6	2 2	6	13 2	6	32 5	6	59 0	6	89 8		
8	16 2	8	2 0	8	13 6	8	33 0	8	59 6	8	90 4		
46	15 9	56	1 7	66	13 9	76	33 5	86	60 3	96	91 0		
2	15 6	2	1 4	2	14 3	2	33 9	2	60 9	2	91 6		
4	15 4	4	1 1	4	14 7	4	34 4	4	61 5	4	92 1		
6	15 1	6	0 8	6	15 1	6	34 9	6	62 2	6	92 6		
8	14 9	8	0 5	8	15 5	8	35 3	8	62 8	8	93 1		
47	14 6	57	0 2	67	15 8	77	35 7	87	63 5	97	93 7		
2	14 4	2	0 1	2	16 2	2	36 2	2	64 1	2	94 2		
4	14 1	4	0 4	4	16 6	4	36 7	4	64 8	4	94 7		
6	13 8	6	0 7	6	16 9	6	37 2	6	65 4	6	95 2		
8	13 6	8	1 0	8	17 3	8	37 7	8	66 1	8	95 7		
48	13 3	58	1 3	68	17 6	78	38 2	88	66 7	98	96 2		
2	13 0	2	1 6	2	18 0	2	38 7	2	67 3	2	96 7		
4	12 7	4	1 9	4	18 4	4	39 2	4	68 0	4	97 2		
6	12 4	6	2 2	6	18 7	6	39 6	6	68 6	6	97 7		
8	12 2	8	2 5	8	19 1	8	40 1	8	69 3	8	98 3		
49	11 9	59	2 8	69	19 5	79	40 6	89	70 0	99	98 8		
2	11 6	2	3 1	2	19 9	2	41 1	2	70 6	2	99 3		
4	11 3	4	3 4	4	20 3	4	41 6	4	71 3	4	99 8		
6	11 0	6	3 7	6	20 6	6	42 2	6	72 0	6			
8	10 7	8	4 0	8	21 0	8	42 7	8	72 6	8			
50	10 4	60	4 3	70	21 4	80	43 2	90	73 2	100			

GLASS HYDROMETER.

A

Temperature 69° F.

Divs on Stem A	Per cent over Proof	Divs on Stem A	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof
0		10	71 6	0	65 0	10	58 4	20	46 7	30	35 3		
10		11	71 5	10	61 8	11	58 12	21	46 5	31	35 1		
20		12	71 4	20	61 6	20	58 0	22	46 3	32	34 9		
30		13	71 2	30	61 5	30	55 8	23	46 1	33	34 7		
40		14	71 1	40	61 3	40	55 6	24	45 8	34	34 5		
50		15	71 0	50	61 1	50	55 5	25	45 6	35	34 2		
60		16	70 9	60	61 0	60	55 3	26	45 4	36	33 9		
70		17	70 7	70	63 9	70	55 1	27	45 2	37	33 7		
80		18	70 6	80	63 7	80	54 9	28	45 0	38	33 5		
90		19	70 5	90	63 5	90	54 7	29	44 8	39	33 3		
		20	70 3		63 4		64 5	30	44 5	40	33 0		
			70 2		63 2		64 3		44 3		32 9		
			70 1		63 0		64 1		44 1		32 6		
			69 9		62 9		63 9		43 9		32 4		
			69 8		62 7		63 8		43 6		32 1		
			69 7		62 5		63 6		43 4		31 9		
			69 5		62 1		63 4		43 1		31 7		
			69 4		62 2		63 2		42 9		31 5		
			69 3		62 0		63 1		42 7		31 2		
			69 1		61 8		62 9		42 4		31 0		
			69 0		61 6		62 7		42 2		30 8		
			68 9		61 5		62 5		42 0		30 5		
			68 7		61 3		62 3		41 7		30 3		
			68 6		61 1		62 1		41 5		30 0		
			68 5		60 9		61 9		41 2		29 8		
			68 4		60 7		61 7		41 0		29 5		
			68 2		60 6		61 5		40 7		29 2		
			68 1		60 1		61 3		40 5		29 0		
			68 0		60 2		61 1		40 3		28 8		
			67 9		60 1		60 9		40 1		28 6		
			67 7		59 9		60 7		39 9		28 3		
			67 6		59 7		60 5		39 7		28 0		
			67 5		59 5		60 3		39 4		27 8		
			67 3		59 4		60 1		39 2		27 6		
			67 2		59 2		49 9		39 0		27 4		
			67 1		59 1		49 7		38 7		27 1		
			66 9		58 9		49 5		38 5		26 8		
			66 4		58 7		49 3		38 3		26 6		
			66 7		58 5		49 1		38 0		26 3		
			66 5		58 3		48 9		37 8		26 1		
			66 4		58 1		48 7		37 6		25 8		
			66 2		58 0		48 5		37 3		25 6		
			66 1		57 8		48 3		37 1		25 3		
			66 0		57 7		48 1		36 9		25 1		
			65 4		57 5		47 9		36 7		24 8		
			65 7		57 3		47 7		36 4		24 6		
			65 5		57 1		47 5		36 2		24 3		
			65 4		56 9		47 3		36 0		24 1		
			65 3		56 7		47 1		35 8		23 8		
			65 1		56 5		46 9		35 5		23 6		
			65 0		56 4		46 7		35 3		23 3		

GLASS HYDROMETER.

Temperature 69° F.

Dips on Stem	Per cent over Proof	Dips on Stem	Per cent over Proof	Dips on Stem	Per cent under Proof	Dips on Stem	Per cent under Proof	Dips on Stem	Per cent under Proof	Dips on Stem	Per cent under Proof	Dips on Stem	Per cent under Proof	Dips on Stem	Per cent under Proof
40	233 3	50	10 0	60	4 6	76	21 9	80	43 6	90	73 5				
42	233 1	2	9 7	2	4 9	2	22 2	2	44 1	2	74 1				
44	232 8	4	9 4	4	5 12	4	22 5	4	44 6	4	74 7				
46	232 5	6	9 1	6	5 5	6	23 0	6	45 1	6	75 4				
48	232 3	8	8 8	8	5 8	8	23 4	8	45 6	8	76 0				
41	232 0	51	8 6	01	6 1	71	23 7	81	46 1	01	76 6				
43	231 7	2	8 3	2	6 4	2	24 1	2	46 6	2	77 2				
44	231 4	4	8 0	4	6 7	4	24 5	4	47 1	4	77 8				
46	231 2	6	7 7	6	7 0	6	24 9	6	47 7	6	78 4				
48	231 0	8	7 4	8	7 4	8	25 3	8	48 2	8	79 0				
42	230 7	52	7 1	62	7 7	72	25 6	82	48 8	02	79 6				
44	230 4	2	6 8	2	8 0	2	26 0	2	49 3	2	80 1				
46	230 2	4	6 6	4	8 3	4	26 4	4	49 9	4	80 7				
48	230 0	6	6 3	6	8 6	6	26 8	6	50 5	6	81 3				
50	229 7	8	6 0	8	9 0	8	27 1	8	51 0	8	81 9				
43	229 5	53	5 7	63	9 3	73	27 5	83	51 6	03	82 5				
44	229 2	2	5 4	2	9 6	2	27 9	2	52 2	2	83 1				
46	228 9	4	5 1	4	9 9	4	28 3	4	52 7	4	83 7				
48	228 7	6	4 8	6	10 2	6	28 7	6	53 3	6	84 3				
50	228 4	8	4 5	8	10 6	8	29 1	8	53 9	8	84 8				
44	228 1	54	4 2	64	10 9	74	29 5	84	54 5	04	85 4				
46	227 9	2	3 9	2	11 2	2	30 6	2	55 1	2	86 0				
48	227 6	4	3 6	4	11 5	4	30 4	4	55 7	4	86 5				
50	227 3	6	3 4	6	11 9	6	30 8	6	56 3	6	87 1				
43	227 1	8	3 1	8	12 2	8	31 2	8	56 9	8	87 8				
45	226 8	55	2 8	65	12 6	75	31 6	85	57 5	05	88 2				
47	226 5	2	2 5	2	12 9	2	32 0	2	58 1	2	88 7				
49	226 3	4	2 2	4	13 3	4	32 5	4	58 8	4	89 3				
51	226 0	6	1 9	6	13 6	6	32 9	6	59 4	6	89 9				
44	225 7	8	1 6	8	14 0	8	33 3	8	60 0	8	90 5				
46	225 5	56	1 3	66	14 4	76	33 8	86	60 7	06	91 1				
48	225 1	2	1 0	2	14 7	2	34 2	2	61 3	2	91 7				
50	224 9	4	0 7	4	15 1	4	34 7	4	61 9	4	92 2				
43	224 7	6	0 4	6	15 5	6	35 2	6	62 6	6	92 7				
45	224 3	8	0 1	8	15 9	8	35 7	8	63 2	8	93 2				
47	224 2	57	0 2	67	16 2	77	36 1	87	63 9	07	93 8				
49	224 0	2	0 5	2	16 6	2	36 6	2	64 5	2	94 3				
51	223 7	4	0 8	4	17 0	4	37 1	4	65 1	4	94 8				
44	223 4	6	1 0	6	17 4	6	37 6	6	65 7	6	95 3				
46	223 2	8	1 3	8	17 7	8	38 1	8	66 4	8	95 8				
48	222 9	58	1 6	68	18 1	78	38 5	88	67 0	08	96 3				
50	222 6	2	1 9	2	18 4	2	39 0	2	67 6	2	96 8				
43	222 3	4	2 2	4	18 8	4	39 5	4	68 3	4	97 3				
45	222 0	6	2 5	6	19 1	6	40 0	6	68 9	6	97 8				
47	221 7	8	2 8	8	19 5	8	40 5	8	69 6	8	98 4				
49	221 5	59	3 1	69	19 9	79	41 6	89	70 3	09	98 9				
51	221 2	2	3 4	2	20 3	2	41 5	2	70 9	2	99 4				
44	221 0	4	3 7	4	20 7	4	42 6	4	71 6	4	99 9				
46	220 6	6	4 0	6	21 1	6	42 6	6	72 3	6					
48	220 3	8	4 3	8	21 5	8	43 1	8	72 9	8					
50	220 0	60	4 6	70	21 9	80	43 6	90	73 5	100					

GLASS HYDROVETER.

A Temperature 71° F.

Divs on Stem A	Per cent over Proof	Divs on Stem A	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof
0		10	71 3	0	64 4	10	55 8	20	46 1	30	34 7		
1		11	71 1	1	64 3	11	55 7	21	45 9	31	34 5		
2		12	70 9	2	64 0	12	55 5	22	45 7	32	34 3		
3		13	70 8	3	63 9	13	55 3	23	45 5	33	34 1		
4		14	70 7	4	63 7	14	55 1	24	45 2	34	33 8		
5		15	70 5	5	63 6	15	54 8	25	45 0	35	33 6		
6		16	70 4	6	63 4	16	54 6	26	44 8	36	33 4		
7		17	70 3	7	63 2	17	54 4	27	44 6	37	33 1		
8		18	70 1	8	63 1	18	54 2	28	44 4	38	32 9		
9		19	70 0	9	62 9	19	54 0	29	44 2	39	32 7		
10	75 2	20	69 9	10	62 7	20	53 8	30	43 0	40	32 4		
11	75 1		69 7	11	62 5	21	53 7	31	42 7	41	32 2		
12	75 0		69 6	12	62 4	22	53 5	32	42 5	42	32 0		
13	74 4		69 5	13	62 2	23	53 3	33	42 3	43	31 8		
14	74 7		69 3	14	62 0	24	53 1	34	42 0	44	31 5		
15	74 4		69 2	15	61 9	25	52 9	35	41 8	45	31 3		
16	74 6		69 1	16	61 7	26	52 7	36	41 5	46	30 8		
17	74 3		68 8	17	61 5	27	52 5	37	41 3	47	30 6		
18	74 4		68 6	18	61 3	28	52 3	38	41 0	48	30 4		
19	74 2		68 4	19	61 2	29	52 1	39	40 8	49	30 1		
20	74 0		68 3	20	61 0	30	51 9	40	40 6	50	29 8		
21	73 9		68 2	21	60 8	31	51 7	41	40 4	51	29 6		
22	73 6		68 1	22	60 6	32	51 5	42	40 2	52	29 3		
23	73 1		67 9	23	60 4	33	51 3	43	40 0	53	29 1		
24	73 0		67 8	24	60 3	34	51 1	44	39 7	54	28 9		
25	72 9		67 7	25	60 1	35	50 9	45	39 5	55	28 6		
26	72 7		67 5	26	59 9	36	50 7	46	39 2	56	28 4		
27	72 6		67 4	27	59 8	37	50 6	47	38 9	57	28 2		
28	72 5		67 3	28	59 6	38	50 4	48	38 7	58	27 9		
29	72 4		67 1	29	59 4	39	50 3	49	38 4	59	27 7		
30	72 2		67 0	30	59 2	40	50 1	50	38 1	60	27 4		
31	72 1		66 9	31	59 0	41	49 9	51	37 9	61	27 2		
32	72 0		66 7	32	58 9	42	49 7	52	37 6	62	26 9		
33	71 8		66 6	33	58 7	43	49 5	53	37 4	63	26 7		
34	71 7		66 4	34	58 6	44	49 3	54	37 2	64	26 4		
35	71 6		66 3	35	58 4	45	49 1	55	36 9	65	26 2		
36	71 5		66 2	36	58 2	46	48 9	56	36 7	66	25 9		
37	71 3		66 1	37	58 0	47	48 7	57	36 5	67	25 7		
38			66 0	38	57 8	48	48 5	58	36 3	68	25 5		
39			65 9	39	57 7	49	48 3	59	36 0	69	25 2		
40			65 7	40	57 5	50	48 1	60	35 8	70	24 9		
			65 6	41	57 3	51	47 9	61	35 6	71	24 7		
			65 4	42	57 1	52	47 7	62	35 4	72	24 4		
			65 3	43	56 8	53	47 5	63	35 2	73	24 2		
			65 1	44	56 6	54	47 3	64	35 0	74	23 9		
			65 0	45	56 4	55	46 9	65	34 7	75	23 6		
			64 8	46	56 2	56	46 7	66	34 5	76	23 4		
			64 6	47	56 0	57	46 5	67	34 2	77	23 1		
			64 4	48	55 8	58	46 3	68	34 0	78	22 9		
				49	55 6	59	46 1	69	33 7	79	22 6		
				50	55 4	60		70		80			

GLASS HYDROMETER.

Temperature 71° F.

Dips on Stem	Per cent over Proof	Dips on Stem	Per cent over Proof	Dips on Stem	Per cent under Proof	Dips on Stem	Per cent under Proof	Dips on Stem	Per cent under Proof	Dips on Stem	Per cent under Proof	Dips on Stem	Per cent under Proof
40	22 6	50	9 3	60	5 3	70	2 3	80	1 3	90	73 0		
2	22 3	2	9 0	2	5 6	2	2 2	2	1 2	2	74 5		
4	22 0	4	8 9	4	5 9	4	2 1	4	1 1	4	75 1		
6	21 8	6	8 8	6	6 2	6	2 0	6	1 0	6	75 8		
8	21 6	8	8 7	8	6 5	8	1 9	8	9 9	8	76 4		
41	21 3	51	7 9	61	6 8	71	2 1	81	1 8	91	77 0		
2	21 0	2	7 6	2	7 1	2	2 0	2	1 7	2	77 6		
4	20 8	4	7 3	4	7 4	4	1 9	4	1 6	4	78 1		
6	20 5	6	7 0	6	7 7	6	1 8	6	1 5	6	78 8		
8	20 3	8	6 7	8	8 1	8	1 7	8	1 4	8	79 4		
42	20 0	52	6 4	62	8 4	72	2 6	82	1 3	92	80 0		
2	19 8	2	6 1	2	8 7	2	2 5	2	1 2	2	80 5		
4	19 6	4	5 9	4	9 0	4	2 4	4	1 1	4	81 1		
6	19 3	6	5 6	6	9 3	6	2 3	6	1 0	6	81 7		
8	19 1	8	5 3	8	9 7	8	2 2	8	9 9	8	82 3		
43	18 8	53	5 0	63	10 0	73	2 8	83	1 6	93	82 9		
2	18 5	2	4 7	2	10 3	2	2 7	2	1 5	2	83 5		
4	18 3	4	4 4	4	10 6	4	2 6	4	1 4	4	84 1		
6	18 0	6	4 1	6	10 9	6	2 5	6	1 3	6	84 7		
8	17 7	8	3 9	8	11 3	8	2 4	8	1 2	8	85 2		
44	17 5	54	3 6	64	11 6	74	3 0	84	1 7	94	85 8		
2	17 2	2	3 3	2	12 0	2	2 9	2	1 6	2	86 4		
4	16 9	4	3 0	4	12 3	4	2 8	4	1 5	4	86 9		
6	16 7	6	2 7	6	12 7	6	2 7	6	1 4	6	87 5		
8	16 4	8	2 4	8	13 0	8	2 6	8	1 3	8	88 0		
45	16 1	55	2 1	65	13 4	75	3 2	85	1 8	95	88 6		
2	15 8	2	1 8	2	13 7	2	3 1	2	1 7	2	89 1		
4	15 6	4	1 6	4	14 1	4	3 0	4	1 6	4	89 7		
6	15 3	6	1 3	6	14 4	6	2 9	6	1 5	6	90 2		
8	15 1	8	1 0	8	14 8	8	2 8	8	1 4	8	90 8		
46	14 8	56	0 7	66	15 2	76	3 4	86	1 9	96	91 3		
2	14 5	2	0 4	2	15 5	2	3 3	2	1 8	2	91 9		
4	14 3	4	0 1	4	15 9	4	3 2	4	1 7	4	92 4		
6	14 0	6	0 2	6	16 3	6	3 1	6	1 6	6	93 0		
8	13 8	8	0 5	8	16 6	8	3 0	8	1 5	8	93 5		
47	13 5	57	0 8	67	17 0	77	3 7	87	2 0	97	94 0		
2	13 3	2	1 1	2	17 4	2	3 6	2	1 9	2	94 5		
4	13 0	4	1 4	4	17 7	4	3 5	4	1 8	4	95 1		
6	12 7	6	1 7	6	18 1	6	3 4	6	1 7	6	95 6		
8	12 5	8	2 0	8	18 4	8	3 3	8	1 6	8	96 1		
48	12 2	58	2 3	68	18 8	78	3 9	88	2 1	98	96 6		
2	11 9	2	2 6	2	19 2	2	3 8	2	2 0	2	97 1		
4	11 6	4	2 9	4	19 6	4	3 7	4	1 9	4	97 6		
6	11 3	6	3 2	6	19 9	6	3 6	6	1 8	6	98 2		
8	11 0	8	3 5	8	20 3	8	3 5	8	1 7	8	98 7		
49	10 7	59	3 8	69	20 7	79	4 1	89	2 2	99	99 2		
2	10 4	2	4 1	2	21 0	2	4 0	2	2 1	2	99 7		
4	10 2	4	4 4	4	21 4	4	3 9	4	2 0	4			
6	9 9	6	4 7	6	21 8	6	3 8	6	1 9	6			
8	9 6	8	5 0	8	22 2	8	3 7	8	1 8	8			
50	9 3	60	5 2	70	22 6	80	4 3	90	2 3	100			

GLASS HYDROMETER.

A Temperature 72° F.

Days on Stem A	Per cent over Proof	Days on Stem A	Per cent over Proof	Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof
0		10	71 1	0	64 3	10	53 6	20	45 8	30	34 4
1		11	71 0	1	64 1	11	53 4	21	45 6	31	34 2
2		12	70 9	2	64 0	12	53 2	22	45 4	32	34 0
3		13	70 7	3	63 8	13	53 1	23	45 2	33	33 7
4		14	70 6	4	63 7	14	52 9	24	44 9	34	33 5
5		15	70 5	5	63 5	15	52 7	25	44 7	35	33 3
6		16	70 3	6	63 3	16	52 5	26	44 5	36	33 0
7		17	70 2	7	63 2	17	52 3	27	44 3	37	32 8
8		18	70 1	8	63 0	18	52 1	28	44 1	38	32 6
9		19	69 9	9	62 8	19	51 9	29	43 9	39	32 4
10		20	69 8	10	62 7	20	51 7	30	43 6	40	32 1
			69 7		62 5		51 5		43 4		31 9
			69 5		62 3		51 3		43 1		31 7
			69 4		62 1		51 1		42 9		31 5
			69 3		62 0		50 9		42 6		31 2
			69 1		61 8		50 7		42 4		31 0
			69 0		61 6		50 5		42 1		30 8
			68 9		61 4		50 3		41 9		30 5
			68 8		61 2		50 1		41 6		30 3
			68 6		61 0		49 9		41 4		30 1
			68 5		60 9		49 7		41 2		29 8
			68 4		60 7		49 5		41 0		29 5
			68 2		60 5		49 3		40 7		29 3
			68 1		60 4		49 1		40 5		29 0
			68 0		60 2		48 9		40 3		28 8
			67 9		60 0		48 7		40 1		28 5
			67 7		59 8		48 5		39 8		28 3
			67 6		59 7		48 3		39 6		28 1
			67 5		59 5		48 1		39 4		27 8
			67 3		59 3		47 9		39 2		27 6
			67 2		59 2		47 7		38 9		27 3
			67 1		59 0		47 5		38 7		27 1
			66 9		58 8		47 3		38 4		26 9
			66 8		58 6		47 1		38 2		26 6
			66 7		58 5		46 9		38 0		26 4
			66 5		58 3		46 7		37 8		26 1
			66 4		58 1		46 5		37 6		25 9
			66 2		58 0		46 3		37 3		25 7
			66 1		57 8		46 1		37 1		25 4
			66 0		57 6		45 9		36 9		25 2
			65 8		57 4		45 7		36 6		24 9
			65 6		57 2		45 5		36 4		24 7
			65 5		57 1		45 3		36 2		24 4
			65 4		56 9		45 1		36 0		24 2
			65 2		56 7		44 9		35 8		23 9
			65 0		56 5		44 7		35 5		23 7
			64 9		56 3		44 5		35 3		23 4
			64 7		56 1		44 3		35 1		23 1
			64 6		55 9		44 1		34 9		22 8
			64 4		55 8		43 9		34 7		22 6
			64 3		55 6		43 7		34 4		22 3

GLASS HYDROMETER.

Temperature 72° F.

Days on Stem		Per cent over Proof		Days on Stem		Per cent over Proof		Days on Stem		Per cent under Proof		Days on Stem		Per cent under Proof		Days on Stem		Per cent under Proof		Days on Stem		Per cent under Proof		Days on Stem		Per cent under Proof		Days on Stem		Per cent under Proof	
40	22 3	50	8 9	60	5 6	70	22 9	80	44 7	90	74 2																				
41	22 1	51	7 5	61	7 1	71	24 8	81	46 7	91	77 2																				
42	20 6	52	6 9	62	8 7	72	25 1	82	48 2	92	80 7																				
43	19 8	53	5 8	63	9 1	73	27 4	83	50 4	93	82 7																				
44	19 3	54	5 5	64	9 4	74	27 7	84	51 0	94	84 3																				
45	19 1	55	5 2	65	9 7	75	28 1	85	51 6	95	85 4																				
46	18 8	56	4 9	66	10 1	76	28 4	86	52 7	96	87 1																				
47	18 5	57	4 6	67	10 4	77	28 9	87	53 3	97	88 8																				
48	17 9	58	4 3	68	10 7	78	29 3	88	53 9	98	90 0																				
49	17 7	59	4 1	69	11 0	79	29 7	89	54 1	99	91 5																				
50	17 4	60	3 8	70	11 3	80	30 1	90	55 0	100	92 6																				
51	17 1	61	3 6	71	12 0	81	30 5	91	55 6																						
52	16 8	62	3 2	72	12 4	82	30 9	92	56 2																						
53	16 6	63	2 9	73	12 7	83	31 4	93	56 8																						
54	16 3	64	2 7	74	13 0	84	31 8	94	57 4																						
55	16 0	65	2 4	75	13 3	85	32 2	95	58 0																						
56	16 1	66	2 1	76	13 7	86	32 7	96	58 6																						
57	15 8	67	1 8	77	14 1	87	33 1	97	59 2																						
58	15 5	68	1 5	78	14 5	88	33 6	98	59 9																						
59	15 3	69	1 3	79	14 8	89	34 1	99	60 5																						
60	15 0	70	1 0	80	15 2	90	34 5		61 1																						
61	14 8	71	0 7	81	15 6	91	35 0		61 7																						
62	14 6	72	0 4	82	15 9	92	35 4		62 3																						
63	14 5	73	0 3	83	16 3	93	35 9		62 9																						
64	14 4	74	0 2	84	16 7	94	36 4		63 6																						
65	14 3	75	0 1	85	17 0	95	36 9		64 2																						
66	14 2	76	0 0	86	17 4	96	37 4		64 8																						
67	14 0	77	0 0	87	17 8	97	37 8		65 4																						
68	13 7	78	0 0	88	18 1	98	38 3		66 0																						
69	13 5	79	0 0	89	18 5	99	38 8		66 6																						
70	13 2	80	0 0	90	18 8		39 3		67 3																						
71	13 1	90	0 0		19 2		39 8		67 9																						
72	13 0		0 0		19 6		40 2		68 5																						
73	12 9		0 0		20 0		40 7		69 2																						
74	12 8		0 0		20 3		41 2		69 8																						
75	12 7		0 0		20 7		41 7		70 4																						
76	12 6		0 0		21 1		42 2		71 1																						
77	12 5		0 0		21 4		42 7		71 7																						
78	12 4		0 0		21 8		43 2		72 3																						
79	12 3		0 0		22 2		43 7		73 0																						
80	12 2		0 0		22 6		44 2		73 8																						
81	12 1		0 0		22 9		44 7		74 2																						

Temperature 73° F.

70

GLASS HYDROMETER.

Temperature 73° F.

Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent under Proof	Divs on Stem	Per cent under Proof	Divs on Stem	Per cent under Proof	Divs on Stem	Per cent under Proof	Divs on Stem	Per cent under Proof	Divs on Stem	Per cent under Proof
40	22 0	50	8 6	60	6 0	70	23 3	80	45 0	90	74 4				
2	21 8	2	8 4	2	6 3	2	23 0	2	45 5	2	75 0				
4	21 5	4	8 0	4	6 6	4	24 0	4	46 0	4	75 6				
6	21 3	6	7 7	6	6 9	6	24 4	6	46 5	6	76 2				
8	21 0	8	7 4	8	7 2	8	24 7	8	47 0	8	76 8				
41	20 8	51	7 1	61	7 5	71	25 1	81	47 5	91	77 4				
2	20 5	2	6 9	2	7 8	2	25 4	2	48 0	2	78 0				
4	20 3	4	6 5	4	8 2	4	25 8	4	48 6	4	78 6				
6	20 0	6	6 3	6	8 5	6	26 2	6	49 1	6	79 2				
8	19 8	8	6 0	8	8 8	8	26 6	8	49 7	8	79 8				
42	19 5	52	5 7	62	9 1	72	26 9	82	50 2	92	80 4				
2	19 2	2	5 4	2	9 5	2	27 3	2	50 7	2	80 9				
4	19 0	4	5 2	4	9 8	4	27 7	4	51 3	4	81 5				
6	18 7	6	4 9	6	10 1	6	28 0	6	51 9	6	82 1				
8	18 5	8	4 6	8	10 5	8	28 4	8	52 4	8	82 7				
43	18 2	53	4 3	63	10 8	73	28 8	83	53 0	93	83 3				
2	17 9	2	4 0	2	11 1	2	29 2	2	53 6	2	83 9				
4	17 6	4	3 7	4	11 4	4	29 6	4	54 2	4	84 5				
6	17 4	6	3 4	6	11 7	6	30 0	6	54 7	6	85 1				
8	17 1	8	3 2	8	12 1	8	30 4	8	55 3	8	85 6				
44	16 8	54	2 9	64	12 4	74	30 8	84	55 9	94	86 2				
2	16 6	2	2 6	2	12 8	2	31 2	2	56 5	2	86 8				
4	16 3	4	2 3	4	13 1	4	31 7	4	57 1	4	87 3				
6	16 0	6	2 0	6	13 5	6	32 1	6	57 7	6	87 9				
8	15 8	8	1 7	8	13 8	8	32 6	8	58 3	8	88 4				
45	15 5	55	1 4	65	14 2	75	33 1	85	58 9	95	89 0				
2	15 2	2	1 1	2	14 5	2	33 5	2	59 5	2	89 5				
4	15 0	4	0 9	4	14 9	4	33 9	4	60 1	4	90 1				
6	14 7	6	0 6	6	15 2	6	34 4	6	60 7	6	90 6				
8	14 5	8	0 3	8	15 6	8	34 9	8	61 3	8	91 1				
46	14 2	56		66	15 9	76	35 3	86	62 0	96	91 7				
2	13 9	2	0 3	2	16 3	2	35 8	2	62 6	2	92 2				
4	13 7	4	0 6	4	16 7	4	36 3	4	63 2	4	92 7				
6	13 4	6	0 9	6	17 1	6	36 8	6	63 8	6	93 3				
8	13 1	8	1 2	8	17 4	8	37 3	8	64 4	8	93 8				
47	12 8	57	1 5	67	17 8	77	37 8	87	65 0	97	94 3				
2	12 5	2	1 8	2	18 2	2	38 2	2	65 7	2	94 8				
4	12 3	4	2 1	4	18 5	4	38 7	4	66 3	4	95 4				
6	12 0	6	2 4	6	18 8	6	39 2	6	66 9	6	95 9				
8	11 8	8	2 7	8	19 2	8	39 7	8	67 6	8	96 4				
48	11 5	58	3 0	68	19 6	78	40 2	88	68 2	98	96 9				
2	11 2	2	3 3	2	20 0	2	40 6	2	68 8	2	97 4				
4	10 9	4	3 6	4	20 4	4	41 1	4	69 5	4	97 9				
6	10 6	6	3 9	6	20 7	6	41 6	6	70 1	6	98 5				
8	10 3	8	4 2	8	21 1	8	42 1	8	70 7	8	99 0				
49	10 0	59	4 5	69	21 5	79	42 6	89	71 4	99	99 5				
2	9 7	2	4 8	2	21 9	2	43 1	2	72 0	2	100 0				
4	9 4	4	5 1	4	22 2	4	43 5	4	72 6	4					
6	9 2	6	5 4	6	22 6	6	44 0	6	73 2	6					
8	8 9	8	5 7	8	23 0	8	44 5	8	73 8	8					
50	8 6	60	6 0	70	23 3	80	45 0	90	74 4	100					

GLASS HYDROMETER.

A

Temperature 74° F

Days on Stem A	Per cent over Proof	Days on Stem A	Per cent over Proof	Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof
0		10	70 7	0	63 8	10	55 0	20	45 2	30	33 8				
2		12	70 6	2	63 7	12	54 9	22	45 0	32	33 6				
4		14	70 5	4	63 5	14	54 7	24	44 8	34	33 4				
6		16	70 3	6	63 4	16	54 5	26	44 6	36	33 1				
8		18	70 2	8	63 2	18	54 3	28	44 4	38	32 9				
10		20	70 1	10	63 0	20	54 1	30	44 2	40	32 7				
12		22	69 9	12	62 9	22	54 0	32	43 9	42	32 4				
14		24	69 8	14	62 7	24	53 8	34	43 7	44	32 2				
16		26	69 7	16	62 5	26	53 6	36	43 4	46	31 9				
18		28	69 5	18	62 3	28	53 4	38	43 2	48	31 7				
20		30	69 4	20	62 2	30	53 2	40	42 9	50	31 5				
22		32	69 3	22	62 0	32	53 1	42	42 7	52	31 3				
24		34	69 1	24	61 8	34	52 9	44	42 4	54	31 0				
26		36	69 0	26	61 6	36	52 7	46	42 2	56	30 8				
28		38	68 9	28	61 4	38	52 5	48	42 0	58	30 6				
30		40	68 7	30	61 3	40	52 3	50	41 8	60	30 4				
32	75 2	42	68 6	32	61 1	42	52 1	52	41 5	62	30 1				
34	75 0	44	68 5	34	60 9	44	51 9	54	41 2	64	29 9				
36	74 9	46	68 4	36	60 7	46	51 7	56	41 0	66	29 6				
38	74 8	48	68 2	38	60 6	48	51 5	58	40 8	68	29 4				
40	74 6	50	68 1	40	60 4	50	51 3	60	40 6	70	29 1				
42	74 5	52	68 0	42	60 2	52	51 1	62	40 3	72	28 9				
44	74 4	54	67 9	44	60 0	54	50 9	64	40 1	74	28 6				
46	74 2	56	67 7	46	59 8	56	50 7	66	39 9	76	28 4				
48	74 1	58	67 6	48	59 6	58	50 5	68	39 7	78	28 2				
50	74 0	60	67 5	50	59 5	60	50 3	70	39 5	80	27 9				
52	73 9	62	67 3	52	59 4	62	50 1	72	39 2	82	27 6				
54	73 7	64	67 2	54	59 2	64	49 9	74	39 0	84	27 4				
56	73 6	66	67 1	56	59 0	66	49 7	76	38 8	86	27 2				
58	73 5	68	66 9	58	58 8	68	49 5	78	38 5	88	27 0				
60	73 4	70	66 8	60	58 7	70	49 3	80	38 3	90	26 7				
62	73 3	72	66 7	62	58 5	72	49 1	82	38 1	92	26 4				
64	73 2	74	66 5	64	58 4	74	48 9	84	37 8	94	26 2				
66	73 0	76	66 4	66	58 2	76	48 7	86	37 6	96	25 9				
68	72 9	78	66 3	68	58 0	78	48 5	88	37 4	98	25 7				
70	72 8	80	66 1	70	57 8	80	48 3	90	37 2						
72	72 7	82	66 0	72	57 6	82	48 1	92	37 0						
74	72 5	84	65 9	74	57 4	84	47 9	94	36 7						
76	72 4	86	65 7	76	57 3	86	47 7	96	36 5						
78	72 3	88	65 6	78	57 1	88	47 5		36 3						
80	72 2	90	65 4	80	56 9	90	47 3		36 0						
82	72 0	92	65 3	82	56 8	92	47 1		35 8						
84	71 9	94	65 1	84	56 6	94	46 9		35 6						
86	71 8	96	65 0	86	56 4	96	46 7		35 4						
88	71 6	98	64 8	88	56 2		46 5		35 2						
90	71 4		64 6	90	56 0	10	46 3		34 9						
92	71 2		64 5		55 8	20	46 1		34 7						
94	71 1		64 3		55 6	30	45 8		34 5						
96	71 0		64 1		55 4	40	45 6		34 3						
98	70 9		64 0		55 2	50	45 4		34 0						
100	70 7		63 8		55 0	60	45 2		33 8						

GLASS HYDROMETER.

Temperature 74° F.

Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent under Proof	Divs on Stem	Per cent under Proof	Divs on Stem	Per cent under Proof	Divs on Stem	Per cent under Proof	Divs on Stem	Per cent under Proof
40	21 7	50	8 3	60	6 3	70	23 6	80	45 4	90	74 7		
2	21 5	12	7 9	12	6 6	12	23 9	12	45 9	2	75 3		
4	21 3	4	7 6	4	6 9	4	24 3	4	46 4	4	75 9		
6	21 0	0	7 3	0	7 2	6	24 6	6	46 9	6	76 5		
8	20 7	8	7 0	8	7 5	8	25 0	8	47 4	8	77 1		
41	20 5	51	6 6	61	7 8	71	25 7	81	47 9	91	77 7		
2	20 2	12	6 3	2	8 1	2	26 1	2	48 4	2	78 2		
4	20 0	4	6 2	4	8 5	4	26 5	4	48 9	4	78 8		
6	19 7	0	5 9	0	8 8	6	26 9	0	49 5	6	79 4		
8	19 5	8	5 6	8	0 1	8	27 2	8	50 1	8	80 0		
42	19 2	52	5 3	62	0 4	72	27 6	82	50 7	92	80 6		
2	18 9	12	5 1	2	9 8	2	28 0	2	51 2	2	81 1		
4	18 7	4	4 8	4	10 1	4	28 3	4	51 8	4	81 7		
6	18 4	0	4 5	0	10 4	6	28 7	6	52 4	6	82 3		
8	18 1	8	4 2	8	10 8	8	29 1	8	52 9	8	82 9		
43	17 0	53	3 9	63	11 1	73	29 5	83	53 5	93	83 5		
2	17 0	12	3 6	2	11 4	2	29 9	2	54 1	2	84 1		
4	17 3	4	3 4	4	11 8	4	30 3	4	54 7	4	84 7		
6	17 1	0	3 1	0	12 1	6	30 7	6	55 2	6	85 3		
8	16 8	8	2 8	8	12 5	8	31 1	8	55 8	8	85 8		
44	16 5	54	2 5	64	12 8	74	31 5	84	56 4	94	86 4		
2	16 3	12	2 3	2	13 2	2	31 9	2	57 0	2	87 0		
4	16 0	4	2 0	4	13 5	4	32 4	4	57 6	4	87 6		
6	15 7	0	1 7	0	13 9	6	32 9	6	58 2	6	88 1		
8	15 5	8	1 4	8	14 2	8	33 4	8	58 8	8	88 6		
45	15 2	55	1 1	65	14 6	75	33 8	85	59 4	95	89 2		
2	14 9	12	0 8	2	14 0	2	34 3	2	60 0	2	89 7		
4	14 7	4	0 6	4	15 3	4	34 8	4	60 6	4	90 3		
6	14 4	0	0 3	0	15 6	6	35 3	6	61 2	6	90 8		
8	14 2	8		8	16 0	8	35 7	8	61 8	8	91 3		
46	13 9	56	0 3	66	16 3	76	36 2	86	62 4	96	91 9		
2	13 6	12	0 0	2	16 7	2	36 7	2	63 0	2	92 4		
4	13 4	4	0 9	4	17 1	4	37 2	4	63 6	4	92 9		
6	13 1	0	1 2	0	17 4	6	37 7	6	64 2	6	93 4		
8	12 8	8	1 5	8	17 8	8	38 2	8	64 7	8	94 0		
47	12 5	57	1 8	67	18 2	77	38 6	87	65 3	97	94 5		
2	12 2	12	2 1	2	18 5	2	39 1	2	66 0	2	95 0		
4	11 9	4	2 4	4	18 9	4	39 6	4	66 6	4	95 5		
6	11 6	0	2 7	0	19 2	6	40 1	6	67 2	6	96 0		
8	11 4	8	3 0	8	19 6	8	40 6	8	67 9	8	96 5		
48	11 1	58	3 3	68	20 0	78	41 0	88	68 5	98	97 1		
2	10 8	12	3 6	2	20 4	2	41 5	2	69 1	2	97 6		
4	10 5	4	3 9	4	20 8	4	42 0	4	69 9	4	98 1		
6	10 2	0	4 2	0	21 1	6	42 5	6	70 4	6	98 6		
8	9 9	8	4 5	8	21 5	8	43 0	8	71 0	8	99 1		
49	9 6	59	4 8	69	21 8	79	43 5	89	71 7	99	99 6		
2	9 3	12	5 1	2	22 2	2	43 9	2	72 3	2			
4	9 0	4	5 3	4	22 5	4	44 4	4	72 9	4			
6	8 8	0	5 7	0	22 9	6	44 9	6	73 5	6			
8	8 5	8	6 0	8	23 2	8	45 4	8	74 1	8			
50	8 2	60	6 3	70	23 6	80		90	74 7	100			

GLASS HYDROMETER.

A

Temperature 75° F.

Dive on Stem A	Per cent over Proof	Dive on Stem A	Per cent over Proof	Dive on Stem	Per cent over Proof	Dive on Stem	Per cent over Proof	Dive on Stem	Per cent over Proof	Dive on Stem	Per cent over Proof	Dive on Stem	Per cent over Proof
0		10	70 5	0	63 6	10	54 8	20	44 9	30	33 5		
2		2	70 4	2	63 4	2	54 7	2	44 7	2	33 3		
4		4	70 3	4	63 3	4	54 5	4	44 5	4	33 1		
6		6	70 1	6	63 1	6	54 3	6	44 3	6	32 8		
8		8	70 0	8	62 9	8	54 1	8	44 1	8	32 6		
1		11	69 9	1	62 8	11	53 9	21	43 8	31	32 3		
2		2	69 7	2	62 6	2	53 7	2	43 6	2	32 1		
4		4	69 6	4	62 5	4	53 5	4	43 4	4	31 9		
6		6	69 5	6	62 3	6	53 4	6	43 1	6	31 7		
8		8	69 3	8	62 1	8	53 2	8	42 9	8	31 4		
2		12	69 2	2	61 9	12	53 0	22	42 6	32	31 2		
2		2	69 1	2	61 7	2	52 8	2	42 4	2	31 0		
4		4	68 9	4	61 6	4	52 6	4	42 1	4	30 7		
6		6	68 8	6	61 4	6	52 4	6	41 9	6	30 5		
8		8	68 7	8	61 2	8	52 2	8	41 6	8	30 3		
3	75 2	13	68 5	3	61 0	13	52 0	23	41 4	33	30 1		
2	75 1	2	68 4	2	60 8	2	51 9	2	41 1	2	29 8		
4	74 8	4	68 3	4	60 7	4	51 6	4	40 9	4	29 6		
6	74 7	6	68 2	6	60 5	6	51 4	6	40 7	6	29 3		
8	74 6	8	68 0	8	60 3	8	51 2	8	40 5	8	29 1		
4	74 5	14	67 9	4	60 1	14	51 0	24	40 2	34	28 8		
2	74 3	2	67 8	2	60 0	2	50 8	2	40 0	2	28 5		
4	74 2	4	67 7	4	59 8	4	50 6	4	39 8	4	28 3		
6	74 1	6	67 5	6	59 6	6	50 4	6	39 6	6	28 1		
8	73 9	8	67 4	8	59 4	8	50 2	8	39 4	8	27 9		
5	73 8	15	67 3	5	59 3	15	50 0	25	39 2	35	27 6		
2	73 6	2	67 1	2	59 1	2	49 8	2	39 0	2	27 4		
4	73 5	4	67 0	4	58 9	4	49 6	4	38 7	4	27 2		
6	73 4	6	66 9	6	58 7	6	49 4	6	38 5	6	27 0		
8	73 2	8	66 7	8	58 6	8	49 2	8	38 2	8	26 8		
6	73 1	16	66 6	6	58 5	16	49 0	26	38 0	36	26 5		
2	73 0	2	66 5	2	58 3	2	48 8	2	37 8	2	26 3		
4	72 8	4	66 3	4	58 1	4	48 6	4	37 5	4	26 0		
6	72 7	6	66 2	6	57 9	6	48 4	6	37 3	6	25 8		
8	72 6	8	66 1	8	57 7	8	48 2	8	37 1	8	25 5		
7	72 5	17	65 9	7	57 5	17	48 0	27	36 9	37	25 3		
2	72 3	2	65 8	2	57 4	2	47 8	2	36 7	2	25 0		
4	72 2	4	65 6	4	57 2	4	47 6	4	36 4	4	24 8		
6	72 1	6	65 5	6	57 1	6	47 4	6	36 2	6	24 5		
8	72 0	8	65 3	8	56 9	8	47 2	8	36 0	8	24 3		
8	71 8	18	65 2	8	56 7	18	47 0	28	35 8	38	24 0		
2	71 7	2	65 0	2	56 5	2	46 8	2	35 5	2	23 8		
4	71 6	4	64 9	4	56 3	4	46 6	4	35 3	4	23 5		
6	71 4	6	64 7	6	56 1	6	46 4	6	35 1	6	23 3		
8	71 3	8	64 6	8	55 9	8	46 2	8	34 9	8	23 0		
9	71 2	19	64 4	9	55 7	19	46 0	29	34 6	39	22 8		
2	71 0	2	64 2	2	55 5	2	45 8	2	34 4	2	22 5		
4	70 9	4	64 1	4	55 3	4	45 5	4	34 2	4	22 2		
6	70 8	6	64 0	6	55 2	6	45 3	6	34 0	6	21 9		
8	70 7	8	63 9	8	55 0	8	45 1	8	33 7	8	21 7		
10	70 5	20	63 6	10	54 8	20	44 9	30	33 5	40	21 4		

GLASS HYDROMETER.

Temperature 75° F

Dips on Stem	Per cent over Proof	Dips on Stem	Per cent over Proof	Dips on Stem	Per cent under Proof	Dips on Stem	Per cent under Proof	Dips on Stem	Per cent under Proof	Dips on Stem	Per cent under Proof	Dips on Stem	Per cent under Proof	Dips on Stem	Per cent under Proof
30	21.4	50	7.8	60	6.7	70	24.0	80	45.8	90	75.0				
2	21.2	12	7.5	2	7.0	2	24.3	2	46.3	2	75.6				
4	20.9	4	7.2	4	7.3	4	24.7	4	46.8	4	76.2				
6	20.7	6	6.9	6	7.6	6	25.0	6	47.3	6	76.8				
8	20.4	8	6.6	8	7.9	8	25.4	8	47.8	8	77.3				
41	20.2	51	6.3	61	8.2	71	25.8	81	48.3	91	77.9				
2	19.9	2	6.1	2	8.5	2	26.1	2	48.9	2	78.4				
4	19.7	4	5.8	4	8.9	4	26.5	4	49.4	4	79.0				
6	19.4	6	5.5	6	9.2	6	26.8	6	49.9	6	79.6				
8	19.2	8	5.2	8	9.5	8	27.2	8	50.5	8	80.2				
42	18.9	52	4.9	62	9.8	72	27.6	82	51.1	92	80.8				
2	18.6	2	4.7	2	10.2	2	28.0	2	51.6	2	81.3				
4	18.4	4	4.4	4	10.5	4	28.3	4	52.2	4	81.9				
6	18.1	6	4.1	6	10.8	6	28.7	6	52.8	6	82.5				
8	17.8	8	3.8	8	11.2	8	29.1	8	53.3	8	83.1				
43	17.6	53	3.5	63	11.5	73	29.5	83	53.9	93	83.7				
2	17.3	2	3.2	2	11.8	2	29.9	2	54.5	2	84.3				
4	17.0	4	3.0	4	12.2	4	30.3	4	55.1	4	84.9				
6	16.8	6	2.7	6	12.5	6	30.7	6	55.6	6	85.5				
8	16.5	8	2.4	8	12.9	8	31.1	8	56.2	8	86.0				
44	16.2	54	2.1	64	13.2	74	31.5	84	56.8	94	86.6				
2	15.9	2	1.8	2	13.6	2	31.9	2	57.4	2	87.2				
4	15.7	4	1.5	4	13.9	4	32.4	4	58.0	4	87.7				
6	15.4	6	1.3	6	14.2	6	32.8	6	58.6	6	88.3				
8	15.2	8	1.0	8	14.6	8	33.3	8	59.2	8	88.8				
45	14.9	55	0.7	65	15.0	75	33.9	85	59.8	95	89.3				
2	14.6	2	0.4	2	15.3	2	34.2	2	60.4	2	89.9				
4	14.4	4	0.1	4	15.7	4	34.7	4	61.0	4	90.5				
6	14.1	6	0.2	6	16.0	6	35.2	6	61.6	6	91.0				
8	13.8	8	0.4	8	16.3	8	35.7	8	62.2	8	91.5				
46	13.6	56	0.7	66	16.7	76	36.1	86	62.7	96	92.1				
2	13.3	2	1.0	2	17.1	2	36.6	2	63.3	2	92.6				
4	13.0	4	1.3	4	17.5	4	37.1	4	63.9	4	93.1				
6	12.7	6	1.6	6	17.8	6	37.6	6	64.5	6	93.6				
8	12.4	8	1.9	8	18.2	8	38.1	8	65.0	8	94.2				
47	12.1	57	2.2	67	18.5	77	38.6	87	65.6	97	94.7				
2	11.8	2	2.5	2	18.9	2	39.0	2	66.3	2	95.2				
4	11.5	4	2.8	4	19.2	4	39.5	4	66.9	4	95.7				
6	11.2	6	3.1	6	19.6	6	40.0	6	67.5	6	96.2				
8	11.0	8	3.4	8	20.0	8	40.5	8	68.2	8	96.7				
48	10.7	58	3.7	68	20.4	78	41.0	88	68.9	98	97.3				
2	10.4	2	4.0	2	20.8	2	41.4	2	69.4	2	97.8				
4	10.1	4	4.3	4	21.1	4	41.9	4	70.1	4	98.3				
6	9.8	6	4.6	6	21.5	6	42.4	6	70.7	6	98.8				
8	9.5	8	4.9	8	21.8	8	42.9	8	71.3	8	99.3				
49	9.2	59	5.2	69	22.2	79	43.4	89	72.0	99	99.8				
2	8.9	2	5.5	2	22.6	2	43.9	2	72.6	2					
4	8.6	4	5.8	4	22.9	4	44.3	4	73.2	4					
6	8.4	6	6.1	6	23.3	6	44.8	6	73.8	6					
8	8.1	8	6.4	8	23.7	8	45.3	8	74.4	8					
50	7.8	60	6.7	70	24.0	80	45.8	90	75.0	100					

GLASS HYDROMETER

A

Temperature 76° F.

Divs on Stem A	Per cent over Proof	Divs on Stem A	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof
0		10	70 4	0	63 4	10	54 5	20	41 0	30	33 2		
1		11	70 3	1	63 3	11	54 4	21	40 8	31	33 0		
2		12	70 1	2	63 1	12	54 2	22	40 6	32	32 8		
3		13	70 0	3	62 9	13	54 0	23	40 4	33	32 6		
4		14	69 9	4	62 7	14	53 8	24	40 2	34	32 4		
5		15	69 7	5	62 6	15	53 7	25	39 9	35	32 2		
6		16	69 6	6	62 4	16	53 5	26	39 7	36	32 0		
7		17	69 5	7	62 2	17	53 3	27	39 5	37	31 8		
8		18	69 3	8	62 0	18	53 1	28	39 3	38	31 6		
9		19	69 2	9	61 8	19	52 9	29	39 1	39	31 3		
10		20	69 1	10	61 7	20	52 7	30	38 8	40	31 1		
11		21	69 0	11	61 5	21	52 5	31	38 6				
12		22	68 8	12	61 3	22	52 3	32	38 4				
13		23	68 7	13	61 1	23	52 1	33	38 1				
14		24	68 6	14	60 9	24	51 9	34	37 9				
15		25	68 4	15	60 7	25	51 7	35	37 7				
16		26	68 3	16	60 4	26	51 5	36	37 5				
17		27	68 2	17	60 4	27	51 3	37	37 2				
18		28	68 1	18	60 3	28	51 1	38	36 8				
19		29	67 9	19	60 1	29	50 9	39	36 6				
20		30	67 8	20	59 9	30	50 7	40	36 3				
21		31	67 7	21	59 7	31	50 5	41	36 0				
22		32	67 5	22	59 5	32	50 3	42	35 7				
23		33	67 4	23	59 3	33	50 1	43	35 4				
24		34	67 3	24	59 1	34	49 9	44	35 1				
25		35	67 1	25	59 0	35	49 7	45	34 8				
26		36	67 0	26	58 9	36	49 5	46	34 6				
27		37	66 8	27	58 7	37	49 3	47	34 3				
28		38	66 7	28	58 5	38	49 1	48	34 1				
29		39	66 5	29	58 3	39	48 9	49	33 7				
30		40	66 4	30	58 2	40	48 7	50	33 4				
31		41	66 3	31	58 1	41	48 6						
32		42	66 1	32	57 9	42	48 4						
33		43	66 0	33	57 7	43	48 2						
34		44	65 9	34	57 5	44	47 9						
35		45	65 7	35	57 3	45	47 7						
36		46	65 6	36	57 1	46	47 6						
37		47	65 4	37	56 9	47	47 4						
38		48	65 3	38	56 7	48	47 2						
39		49	65 2	39	56 5	49	47 0						
40		50	65 0	40	56 4	50	46 8						
41		51	64 8	41	56 2	51	46 5						
42		52	64 7	42	56 0	52	46 3						
43		53	64 5	43	55 9	53	46 1						
44		54	64 4	44	55 7	54	45 9						
45		55	64 2	45	55 5	55	45 7						
46		56	64 0	46	55 3	56	45 5						
47		57	63 9	47	55 1	57	45 2						
48		58	63 8	48	54 9	58	45 0						
49		59	63 6	49	54 7	59	44 8						
50		60	63 4	50	54 5	60	44 6						

Temperature 76° F.

Dive on Stem	Per cent over Proof	Dive on Stem	Per cent over Proof	Dive on Stem	Per cent under Proof	Dive on Stem	Per cent under Proof	Dive on Stem	Per cent under Proof	Dive on Stem	Per cent under Proof	Dive on Stem	Per cent under Proof
40	21 1	50	1 5	60	7 0	70	24 4	80	46 2	90	75 3		
2	20 8	12	1 2	12	7 3	2	24 6	12	46 7	2	75 8		
4	20 6	4	1 0	4	7 6	4	25 0	4	47 12	4	76 4		
6	20 4	6	0 6	6	7 9	6	25 4	6	47 7	6	77 0		
8	20 1	8	6 3	8	8 2	8	25 8	8	48 2	8	77 5		
41	19 9	51	6 0	61	8 5	71	26 1	81	48 7	91	78 1		
2	19 6	2	5 8	2	8 8	2	26 5	2	49 3	2	78 6		
4	19 4	4	5 5	4	9 12	4	26 9	4	49 8	4	79 2		
6	19 1	6	5 2	6	9 5	6	27 2	6	50 3	6	79 8		
8	18 9	8	4 9	8	9 8	8	27 6	8	50 9	8	80 4		
42	18 7	52	4 6	62	10 1	72	28 0	82	51 5	92	81 0		
2	18 4	2	4 4	2	10 5	2	28 4	2	52 0	2	81 5		
4	18 1	4	4 1	4	10 8	4	28 7	4	52 6	4	82 1		
6	17 8	6	3 8	6	11 2	6	29 1	6	53 2	6	82 7		
8	17 5	8	3 5	8	11 5	8	29 5	8	53 7	8	83 3		
43	17 3	53	3 2	63	11 9	73	29 9	83	54 3	93	83 9		
2	17 0	2	2 9	2	12 2	2	30 3	2	54 9	2	84 4		
4	16 7	4	2 7	4	12 6	4	30 7	4	55 5	4	84 9		
6	16 5	6	2 4	6	12 9	6	31 1	6	56 0	6	85 5		
8	16 2	8	2 1	8	13 3	8	31 5	8	56 6	8	86 0		
44	15 9	54	1 8	64	13 6	74	31 9	84	57 1	94	86 6		
2	15 7	2	1 5	2	14 0	2	32 4	2	57 7	2	87 1		
4	15 4	4	1 3	4	14 3	4	32 8	4	58 3	4	87 7		
6	15 1	6	1 0	6	14 6	6	33 3	6	58 9	6	88 3		
8	14 9	8	0 7	8	15 0	8	33 7	8	59 5	8	88 8		
45	14 6	55	0 4	65	15 4	75	34 2	85	60 1	95	89 4		
2	14 3	2	0 1	2	15 7	2	34 6	2	60 7	2	89 9		
4	14 1	4	0 2	4	16 1	4	35 1	4	61 3	4	90 5		
6	13 8	6	0 4	6	16 4	6	35 6	6	61 9	6	91 1		
8	13 5	8	0 7	8	16 7	8	36 1	8	62 5	8	91 7		
46	13 3	56	1 0	66	17 1	76	36 5	86	63 0	96	92 2		
2	13 0	2	1 3	2	17 5	2	37 0	2	63 6	2	92 7		
4	12 7	4	1 6	4	17 8	4	37 5	4	64 2	4	93 2		
6	12 4	6	1 9	6	18 2	6	38 0	6	64 8	6	93 7		
8	12 1	8	2 2	8	18 6	8	38 5	8	65 4	8	94 2		
47	11 8	57	2 5	67	18 9	77	39 0	87	66 0	97	94 8		
2	11 5	2	2 8	2	19 3	2	39 4	2	66 6	2	95 3		
4	11 2	4	3 1	4	19 7	4	39 9	4	67 2	4	95 8		
6	10 9	6	3 4	6	20 0	6	40 4	6	67 9	6	96 3		
8	10 7	8	3 7	8	20 4	8	40 9	8	68 5	8	96 9		
48	10 4	58	4 0	68	20 7	78	41 4	88	69 2	98	97 4		
2	10 1	2	4 3	2	21 1	2	41 8	2	69 8	2	97 9		
4	9 8	4	4 6	4	21 4	4	42 3	4	70 4	4	98 4		
6	9 5	6	4 9	6	21 8	6	42 8	6	71 0	6	98 9		
8	9 2	8	5 2	8	22 1	8	43 3	8	71 6	8	99 4		
49	8 9	59	5 5	69	22 5	79	43 8	89	72 2	99	99 9		
2	8 6	2	5 8	2	22 9	2	44 3	2	72 8	2			
4	8 3	4	6 1	4	23 2	4	44 7	4	73 5	4			
6	8 1	6	6 4	6	23 6	6	45 2	6	74 1	6			
8	7 8	8	6 7	8	24 0	8	45 7	8	74 7	8			
50	7 5	60	7 0	70	24 3	80	46 2	90	75 3	100			

A **Temperature 77° F.**

Days on Stem		Per cent over Proof	Days on Stem		Per cent over Proof	Days on Stem		Per cent over Proof	Days on Stem		Per cent over Proof	Days on Stem		Per cent over Proof	Days on Stem		Per cent over Proof
A			A			A			A			A			A		
0	10	70 2	0	10	63 2	10	54 3	20	44 3	30	32 9						
1	11	70 1	1	11	63 0	11	54 1	21	44 1	31	32 7						
2	12	69 9	2	12	62 8	12	53 9	22	43 9	32	32 5						
3	13	69 8	3	13	62 7	13	53 7	23	43 7	33	32 3						
4	14	69 7	4	14	62 5	14	53 5	24	43 4	34	32 0						
5	15	69 5	5	15	62 3	15	53 4	25	43 2	35	31 8						
6	16	69 4	6	16	62 2	16	53 3	26	42 9	36	31 6						
7	17	69 3	7	17	62 0	17	53 1	27	42 7	37	31 4						
8	18	69 1	8	18	61 8	18	52 9	28	42 4	38	31 1						
9	19	69 0	9	19	61 6	19	52 7	29	42 2	39	30 0						
10	20	68 9	10	20	61 4	20	52 5	30	41 9	40	30 7						
		68 8			61 2		52 3		41 7		30 5						
		68 6			61 0		52 1		41 5		30 2						
		68 5			60 8		51 9		41 2		30 0						
		68 4			60 7		51 7		41 0		29 7						
		68 2			60 5		51 5		40 8		29 5						
		68 1			60 3		51 3		40 5		29 2						
		68 0			60 2		51 1		40 3		29 0						
		67 9			60 0		50 9		40 1		28 7						
		67 7			59 9		50 7		39 9		28 5						
		67 6			59 7		50 5		39 7		28 3						
		67 5			59 5		50 3		39 5		28 0						
		67 3			59 3		50 1		39 2		27 8						
		67 2			59 1		49 9		39 0		27 5						
		67 1			58 9		49 7		38 7		27 3						
		67 0			58 7		49 5		38 5		27 1						
		66 9			58 6		49 3		38 3		26 8						
		66 8			58 5		49 1		38 1		26 6						
		66 6			58 3		48 9		37 8		26 3						
		66 5			58 1		48 7		37 6		26 1						
		66 3			57 9		48 5		37 4		25 8						
		66 2			57 7		48 3		37 1		25 6						
		66 1			57 6		48 1		36 9		25 3						
		66 0			57 4		47 9		36 7		25 1						
		65 9			57 2		47 7		36 5		24 8						
		65 7			57 1		47 5		36 3		24 6						
		65 5			56 9		47 3		36 1		24 3						
		65 4			56 7		47 1		35 8		24 1						
		65 2			56 6		46 9		35 6		23 8						
		65 1			56 5		46 7		35 4		23 6						
		64 9			56 3		46 5		35 2		23 3						
		64 7			56 1		46 3		35 0		23 1						
		64 6			55 9		46 2		34 9		22 8						
		64 4			55 7		46 0		34 7		22 6						
		64 3			55 6		45 8		34 5		22 3						
		64 1			55 4		45 6		34 3		22 1						
		64 0			55 2		45 4		34 0		21 8						
		63 9			55 1		45 2		33 8		21 6						
		63 7			54 9		44 9		33 6		21 3						
		63 5			54 7		44 7		33 4		21 1						
		63 4			54 5		44 5		33 1		20 8						
		63 2			54 3		44 3		32 9								

-Temperature 77° F.

79

Temperature 78° F.

50

GLASS HYDROMETER.

Temperature 78° F.

Divs on Stem	Per cent. over Proof	Divs on Stem	Per cent. over Proof	Divs on Stem	Per cent. under Proof	Divs on Stem	Per cent. under Proof	Divs on Stem	Per cent. under Proof	Divs on Stem	Per cent. under Proof	Divs on Stem	Per cent. under Proof	Divs on Stem	Per cent. under Proof
40	29 5	50	6 8	60	7 7	70	25 1	80	47 0	90	75 8				
2	29 2	2	6 5	2	8 0	2	25 4	2	47 5	2	76 3				
4	29 0	4	6 2	4	8 3	4	25 8	4	48 1	4	76 9				
6	19 7	6	5 9	6	8 7	6	26 2	6	48 6	6	77 4				
8	19 5	8	5 6	8	9 0	8	26 6	8	49 1	8	78 0				
41	19 2	51	5 4	61	9 3	71	28 9	81	49 6	91	78 5				
2	19 0	2	5 1	2	9 6	2	27 3	2	50 2	2	79 2				
4	18 7	4	4 8	4	9 9	4	27 7	4	50 7	4	79 7				
6	18 5	6	4 5	6	10 3	6	28 0	6	51 2	6	80 3				
8	18 2	8	4 2	8	10 6	8	28 4	8	51 8	8	80 9				
42	17 9	52	3 0	62	10 9	72	28 8	82	52 1	92	81 4				
2	17 7	2	3 7	2	11 3	2	29 2	2	52 6	2	82 0				
4	17 4	4	3 4	4	11 6	4	29 6	4	53 5	4	82 6				
6	17 2	6	3 1	6	12 0	6	30 0	6	54 0	6	83 1				
8	16 9	8	2 8	8	12 3	8	30 4	8	54 6	8	83 7				
43	16 6	53	2 5	63	12 7	73	30 8	83	55 1	93	84 2				
2	16 3	2	2 2	2	13 0	2	31 2	2	55 7	2	84 8				
4	16 0	4	2 0	4	13 4	4	31 7	4	56 3	4	85 3				
6	15 8	6	1 7	6	13 7	6	32 1	6	56 8	6	85 9				
8	15 5	8	1 4	8	14 0	8	32 5	8	57 4	8	86 4				
44	15 2	54	1 1	64	14 4	74	32 9	84	57 9	94	86 9				
2	15 0	2	0 8	2	14 8	2	33 4	2	58 5	2	87 5				
4	14 7	4	0 6	4	15 1	4	33 8	4	59 0	4	88 0				
6	14 4	6	0 3	6	15 4	6	34 3	6	59 6	6	88 6				
8	14 2	8		8	15 7	8	34 7	8	60 2	8	89 1				
45	13 9	55	0 2	65	16 1	75	35 2	85	60 9	95	89 7				
2	13 6	2	0 6	2	16 5	2	35 6	2	61 4	2	90 2				
4	13 4	4	0 8	4	16 8	4	36 0	4	62 0	4	90 8				
6	13 1	6	1 1	6	17 1	6	36 5	6	62 5	6	91 3				
8	12 8	8	1 4	8	17 5	8	37 0	8	63 1	8	91 8				
46	12 5	56	1 7	66	17 8	76	37 5	86	63 7	96	92 3				
2	12 2	2	2 0	2	18 2	2	38 0	2	64 3	2	92 9				
4	12 0	4	2 3	4	18 6	4	38 4	4	64 9	4	93 4				
6	11 7	6	2 6	6	18 9	6	38 8	6	65 5	6	93 9				
8	11 5	8	2 9	8	19 3	8	39 3	8	66 1	8	94 4				
47	11 2	57	3 2	67	19 7	77	39 8	87	66 7	97	95 0				
2	10 8	2	3 5	2	20 1	2	40 2	2	67 3	2	95 5				
4	10 5	4	3 8	4	20 5	4	40 7	4	67 9	4	96 0				
6	10 2	6	4 1	6	20 8	6	41 2	6	68 5	6	96 5				
8	10 0	8	4 4	8	21 2	8	41 7	8	69 1	8	97 1				
48	9 7	58	4 7	68	21 5	78	42 2	88	69 8	98	97 6				
2	9 4	2	5 0	2	21 9	2	42 6	2	70 4	2	98 1				
4	9 1	4	5 3	4	22 2	4	43 1	4	71 0	4	98 6				
6	8 8	6	5 6	6	22 6	6	43 6	6	71 6	6	99 1				
8	8 5	8	5 9	8	22 9	8	44 1	8	72 2	8	99 6				
49	8 2	59	6 2	69	23 3	79	44 6	89	72 9	99					
2	7 9	2	6 5	2	23 6	2	45 1	2	73 5	2					
4	7 6	4	6 8	4	24 0	4	45 5	4	74 1	4					
6	7 4	6	7 1	6	24 3	6	46 0	6	74 7	6					
8	7 1	8	7 4	8	24 7	8	46 5	8	75 3	8					
50	6 8	60	7 7	70	25 1	80	47 0	90	75 8	100					

GLASS HYDROMETER

A

Temperature 79° F.

Divs on Stem A	Per cent over Proof	Divs on Stem A	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof
0		10	69.8	0	62.7	10	53.8	20	43.7	30	32.3				
2		12	69.7	2	62.5	12	53.7	22	43.5	32	32.0				
4		4	69.5	4	62.3	4	53.5	4	43.2	4	31.8				
6		6	69.1	6	62.2	6	53.3	6	43.0	6	31.6				
8		8	69.3	8	62.0	8	53.1	8	42.7	8	31.4				
1		11	69.1	1	61.8	11	52.9	21	42.5	31	31.1				
2		2	69.0	2	61.6	2	52.7	2	42.3	2	30.9				
4		4	68.9	4	61.4	4	52.5	4	42.0	4	30.7				
6		6	68.7	6	61.3	6	52.3	6	41.8	6	30.4				
8		8	68.6	8	61.1	8	52.1	8	41.6	8	30.2				
12	75.2	12	68.5	12	60.9	12	51.9	22	41.3	32	29.9				
2	75.1	2	68.4	2	60.7	2	51.7	2	41.1	2	29.7				
4	74.8	4	68.2	4	60.5	4	51.5	4	40.8	4	29.5				
6	74.7	6	68.1	6	60.4	6	51.3	6	40.6	6	29.3				
8	74.6	8	68.0	8	60.2	8	51.1	8	40.4	8	29.1				
3	74.4	13	67.9	3	60.0	13	50.9	23	40.2	33	28.8				
2	74.3	2	67.7	2	59.9	2	50.7	2	39.9	2	28.6				
4	74.1	4	67.6	4	59.7	4	50.5	4	39.7	4	28.4				
6	74.0	6	67.5	6	59.5	6	50.3	6	39.5	6	28.1				
8	73.8	8	67.3	8	59.3	8	50.1	8	39.3	8	27.9				
4	73.7	14	67.2	4	59.1	14	49.9	24	39.0	34	27.6				
2	73.6	2	67.1	2	59.0	2	49.7	2	38.8	2	27.4				
4	73.4	4	66.9	4	58.8	4	49.5	4	38.6	4	27.1				
6	73.3	6	66.8	6	58.7	6	49.3	6	38.4	6	26.9				
8	73.2	8	66.7	8	58.5	8	49.1	8	38.1	8	26.7				
5	73.0	15	66.5	5	58.3	15	48.9	25	37.9	35	26.4				
2	72.9	2	66.4	2	58.1	2	48.7	2	37.6	2	26.2				
4	72.8	4	66.2	4	58.0	4	48.5	4	37.4	4	25.9				
6	72.7	6	66.1	6	57.8	6	48.3	6	37.2	6	25.7				
8	72.5	8	66.0	8	57.6	8	48.1	8	37.0	8	25.4				
6	72.4	16	65.8	6	57.5	16	47.9	26	36.7	36	25.2				
2	72.3	2	65.7	2	57.3	2	47.7	2	36.5	2	24.9				
4	72.2	4	65.6	4	57.1	4	47.5	4	36.3	4	24.7				
6	72.0	6	65.4	6	56.9	6	47.3	6	36.1	6	24.4				
8	71.9	8	65.3	8	56.7	8	47.1	8	35.9	8	24.2				
7	71.8	17	65.1	7	56.5	17	46.9	27	35.7	37	23.9				
2	71.6	2	65.0	2	56.4	2	46.7	2	35.5	2	23.7				
4	71.5	4	64.8	4	56.2	4	46.5	4	35.3	4	23.1				
6	71.4	6	64.6	6	56.0	6	46.3	6	35.0	6	23.2				
8	71.2	8	64.5	8	55.8	8	46.1	8	34.8	8	22.9				
8	71.1	18	64.3	8	55.6	18	45.9	28	34.6	38	22.7				
2	71.0	2	64.2	2	55.5	2	45.7	2	34.3	2	22.4				
4	70.9	4	64.0	4	55.3	4	45.5	4	34.1	4	22.2				
6	70.8	6	63.9	6	55.1	6	45.2	6	33.9	6	21.9				
8	70.6	8	63.7	8	54.9	8	45.0	8	33.7	8	21.7				
9	70.5	19	63.5	9	54.7	19	44.8	29	33.4	39	21.4				
2	70.3	2	63.4	2	54.5	2	44.6	2	33.2	2	21.2				
4	70.2	4	63.2	4	54.3	4	44.4	4	32.9	4	20.9				
6	70.1	6	63.1	6	54.2	6	44.2	6	32.7	6	20.7				
8	69.9	8	62.9	8	54.0	8	43.9	8	32.5	8	20.4				
10		20	62.7	10	53.8	20	43.7	30	32.3	40	20.2				

GLASS HYDROMETER.

Temperature 79° F.

Divs. on Stem	Per cent. over Proof	Divs. on Stem	Per cent. over Proof	Divs. on Stem	Per cent. under Proof	Divs. on Stem	Per cent. under Proof	Divs. on Stem	Per cent. under Proof	Divs. on Stem	Per cent. under Proof	Divs. on Stem	Per cent. under Proof	Divs. on Stem	Per cent. under Proof
10	26 2	50	2 5	60	8 1	70	23 5	80	47 4	90	76 1				
1 1	19 0	4 4	3 5	9 4	9 4	1 2	25 8	4 4	47 9	2 2	76 6				
2 2	19 6	5 5	3 9	8 7	8 7	3 3	26 3	5 5	48 5	3 3	77 2				
3 3	19 4	6 6	5 6	9 1	9 1	4 4	26 6	6 6	49 0	4 4	77 7				
4 4	19 2	7 7	5 3	9 4	9 4	5 5	27 0	7 7	49 5	5 5	78 3				
5 5	19 0	8 8	5 1	9 7	9 7	6 6	27 3	8 8	50 1	6 6	78 9				
6 6	18 7	9 9	4 9	10 6	10 6	7 7	27 7	9 9	50 6	7 7	79 5				
7 7	18 5	10 10	4 5	10 3	10 3	8 8	28 1	10 10	51 1	8 8	80 0				
8 8	18 2	11 11	4 2	10 7	10 7	9 9	28 4	11 11	51 7	9 9	80 6				
9 9	17 9	12 12	3 9	11 0	11 0	10 10	28 9	12 12	52 2	10 10	81 1				
10 10	17 6	13 13	3 6	11 3	11 3	11 11	29 2	13 13	52 7	11 11	81 7				
11 11	17 4	14 14	3 4	11 7	11 7	12 12	29 5	14 14	53 3	12 12	82 2				
12 12	17 1	15 15	3 1	12 0	12 0	13 13	30 0	15 15	53 9	13 13	82 8				
13 13	16 8	16 16	2 8	12 4	12 4	14 14	30 4	16 16	54 4	14 14	83 3				
14 14	16 5	17 17	2 5	12 7	12 7	15 15	30 8	17 17	55 0	15 15	83 9				
15 15	16 2	18 18	2 2	13 1	13 1	16 16	31 3	18 18	55 5	16 16	84 4				
16 16	15 9	19 19	1 9	13 4	13 4	17 17	31 7	19 19	56 1	17 17	85 0				
17 17	15 7	20 20	1 7	13 8	13 8	18 18	32 2	20 20	56 7	18 18	85 5				
18 18	15 4	21 21	1 4	14 1	14 1	19 19	32 6	21 21	57 2	19 19	86 1				
19 19	15 1	22 22	1 1	14 4	14 4	20 20	33 0	22 22	57 7	20 20	86 6				
20 20	14 9	23 23	0 9	14 8	14 8	21 21	33 4	23 23	58 3	21 21	87 2				
21 21	14 6	24 24	0 6	15 2	15 2	22 22	33 8	24 24	58 9	22 22	87 7				
22 22	14 3	25 25	0 3	15 5	15 5	23 23	34 3	25 25	59 4	23 23	88 3				
23 23	14 1	26 26	0 1	15 8	15 8	24 24	34 7	26 26	60 0	24 24	88 8				
24 24	13 8	27 27	0 8	16 1	16 1	25 25	35 2	27 27	60 6	25 25	89 3				
25 25	13 5	28 28	0 5	16 5	16 5	26 26	35 7	28 28	61 1	26 26	89 8				
26 26	13 2	29 29	0 2	16 9	16 9	27 27	36 1	29 29	61 7	27 27	90 3				
27 27	13 0	30 30	0 0	17 2	17 2	28 28	36 6	30 30	62 3	28 28	90 9				
28 28	12 7	31 31	0 7	17 5	17 5	29 29	36 9	31 31	62 8	29 29	91 4				
29 29	12 4	32 32	0 4	17 9	17 9	30 30	37 4	32 32	63 4	30 30	91 9				
30 30	12 1	33 33	0 1	18 3	18 3	31 31	37 9	33 33	64 0	31 31	92 4				
31 31	11 8	34 34	0 8	18 7	18 7	32 32	38 3	34 34	64 6	32 32	92 9				
32 32	11 6	35 35	0 6	19 0	19 0	33 33	38 8	35 35	65 1	33 33	93 4				
33 33	11 3	36 36	0 3	19 4	19 4	34 34	39 2	36 36	65 8	34 34	93 9				
34 34	11 0	37 37	0 0	19 8	19 8	35 35	39 7	37 37	66 4	35 35	94 5				
35 35	10 7	38 38	0 7	20 2	20 2	36 36	40 2	38 38	67 0	36 36	95 1				
36 36	10 4	39 39	0 4	20 5	20 5	37 37	40 6	39 39	67 6	37 37	95 6				
37 37	10 1	40 40	0 1	20 9	20 9	38 38	41 1	40 40	68 2	38 38	96 1				
38 38	9 9	41 41	0 9	21 2	21 2	39 39	41 6	41 41	68 9	39 39	96 6				
39 39	9 6	42 42	0 6	21 6	21 6	40 40	42 1	42 42	69 4	40 40	97 2				
40 40	9 3	43 43	0 3	21 9	21 9	41 41	42 6	43 43	70 1	41 41	97 7				
41 41	9 0	44 44	0 0	22 3	22 3	42 42	43 0	44 44	70 7	42 42	98 2				
42 42	8 7	45 45	0 7	22 6	22 6	43 43	43 5	45 45	71 3	43 43	98 8				
43 43	8 4	46 46	0 4	23 0	23 0	44 44	44 0	46 46	71 9	44 44	99 3				
44 44	8 2	47 47	0 2	23 3	23 3	45 45	44 5	47 47	72 5	45 45	99 8				
45 45	7 9	48 48	0 9	23 7	23 7	46 46	45 0		73 2	46 46	100 3				
46 46	7 6	49 49	0 6	24 0	24 0	47 47	45 5		73 8	47 47					
47 47	7 3	50 50	0 3	24 4	24 4		46 0		74 4						
48 48	7 0		0 0	24 7	24 7		46 4		75 0						
49 49	6 7		0 7	25 1	25 1		46 9		75 6						
50 50	6 5		0 5	25 5	25 5		47 4		76 1						

Temperature 80° F.

81

GLASS HYDROMETER.

Temperature 80° F.

Dive on Stem	Per cent over Proof	Dive on Stem	Per cent over Proof	Dive on Stem	Per cent under Proof	Dive on Stem	Per cent under Proof	Dive on Stem	Per cent under Proof	Dive on Stem	Per cent under Proof	Dive on Stem	Per cent under Proof	Dive on Stem	Per cent under Proof
40	19 0	50	5 1	60	8 5	70	25 9	80	47 9	90	76 3				
2	19 0	12	5 8	2	8 8	2	26 12	2	48 4	2	76 9				
4	19 3	4	5 5	4	9 1	4	26 6	4	49 0	4	77 5				
6	19 1	6	5 2	6	9 6	6	27 0	6	49 5	6	78 0				
8	18 9	8	4 9	8	9 8	8	27 4	8	50 0	8	78 6				
41	18 6	51	4 7	61	10 1	71	27 7	81	50 5	91	79 2				
12	18 3	2	4 4	2	10 4	2	28 1	2	51 0	2	79 8				
4	18 0	4	4 1	4	10 7	4	28 5	4	51 0	4	80 3				
6	17 8	6	3 8	6	11 1	6	28 9	6	52 1	6	80 9				
8	17 5	8	3 5	8	11 4	8	29 3	8	52 6	8	81 4				
42	17 2	52	3 2	62	11 7	72	29 7	82	53 2	92	81 9				
2	17 0	2	3 0	2	12 1	2	30 1	2	53 8	2	82 5				
4	16 7	4	2 7	4	12 4	4	30 5	4	54 3	4	83 1				
6	16 4	6	2 4	6	12 8	6	30 9	6	54 8	6	83 6				
8	16 1	8	2 2	8	13 1	8	31 3	8	55 4	8	84 1				
43	15 8	53	1 9	63	13 4	73	31 8	83	56 0	93	84 6				
2	15 5	2	1 6	2	13 8	2	32 2	2	56 5	2	85 2				
4	15 3	4	1 3	4	14 2	4	32 6	4	57 1	4	85 7				
6	15 0	6	1 0	6	14 5	6	33 1	6	57 5	6	86 3				
8	14 7	8	0 7	8	14 8	8	33 5	8	58 2	8	86 8				
44	14 5	54	0 4	64	15 2	74	33 9	84	59 7	94	87 3				
2	14 2	2	0 1	2	15 5	2	34 4	2	59 3	2	87 9				
4	13 9	4	0 2	4	15 9	4	34 8	4	59 8	4	88 4				
6	13 7	6	0 4	6	16 2	6	35 3	6	60 4	6	88 9				
8	13 4	8	0 7	8	16 5	8	35 7	8	61 0	8	89 5				
45	13 1	55	1 6	65	16 9	75	36 1	85	61 5	95	90 0				
2	12 8	2	1 3	2	17 2	2	36 5	2	62 1	2	90 5				
4	12 6	4	1 0	4	17 6	4	36 9	4	62 6	4	91 1				
6	12 3	6	1 9	6	17 9	6	37 3	6	63 2	6	91 6				
8	12 0	8	2 1	8	18 3	8	37 8	8	63 8	8	92 1				
46	11 7	56	2 4	66	18 6	76	38 3	86	64 4	96	92 6				
2	11 4	2	2 7	2	19 0	2	38 8	2	65 0	2	93 2				
4	11 2	4	3 0	4	19 4	4	39 2	4	65 6	4	93 7				
6	10 9	6	3 3	6	19 8	6	39 7	6	66 2	6	94 2				
8	10 7	8	3 6	8	20 2	8	40 1	8	66 8	8	94 7				
47	10 3	57	3 9	67	20 6	77	40 6	87	67 4	97	95 3				
2	10 0	2	4 2	2	20 9	2	41 1	2	68 0	2	95 8				
4	9 7	4	4 5	4	21 3	4	41 6	4	68 6	4	96 3				
6	9 5	6	4 8	6	21 6	6	42 1	6	69 2	6	96 8				
8	9 2	8	5 1	8	22 0	8	42 5	8	69 8	8	97 4				
48	8 9	58	5 4	68	22 3	78	43 0	88	70 4	98	97 9				
2	8 6	2	5 7	2	22 7	2	43 5	2	71 0	2	98 4				
4	8 3	4	6 0	4	23 0	4	44 0	4	71 6	4	99 0				
6	8 0	6	6 3	6	23 3	6	44 4	6	72 2	6	99 5				
8	7 8	8	6 6	8	23 7	8	44 9	8	72 8	8	100 0				
49	7 5	59	6 9	69	24 1	79	45 3	89	73 4	99					
2	7 2	2	7 2	2	24 4	2	45 8	2	74 0	2					
4	6 9	4	7 0	4	24 8	4	46 4	4	74 6	4					
6	6 6	6	7 9	6	25 1	6	46 9	6	75 2	6					
8	6 3	8	8 2	8	25 5	8	47 4	8	75 8	8					
50	6 1	60	8 5	70	25 9	80	47 9	90	76 3	100					

GLASS HYDROMETER

A

Temperature 81° F.

Days on Stem A	Per cent over Proof	Days on Stem A	Per cent over Proof	Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof
0		10	69.4	0	62.2	10	53.1	20	43.0	30	31.7
2		12	69.3	2	62.0	12	53.1	22	42.9	32	31.4
4		14	69.1	4	61.8	14	52.9	24	42.6	34	31.2
6		16	69.0	6	61.7	16	52.7	26	42.4	36	31.0
8		18	68.9	8	61.5	18	52.5	28	42.1	38	30.8
1		20	68.7	10	61.3	20	52.4	30	41.8	40	30.5
3	73.12	22	68.6	12	61.1	22	52.2	32	41.6	42	30.3
5	75.11	24	68.5	14	60.9	24	52.0	34	41.3	44	30.0
7	75.0	26	68.3	16	60.8	26	51.8	36	41.1	46	29.8
9	74.8	28	68.2	18	60.6	28	51.6	38	40.9	48	29.6
11	74.6	30	68.1	20	60.4	30	51.4	40	40.6	50	29.3
13	74.5	32	68.0	22	60.3	32	51.2	42	40.4	52	29.1
15	74.4	34	67.8	24	60.1	34	51.0	44	40.2	54	28.8
17	74.3	36	67.7	26	59.9	36	50.8	46	40.0	56	28.6
19	74.1	38	67.6	28	59.7	38	50.6	48	39.8	58	28.3
21	74.0	40	67.5	30	59.5	40	50.4	50	39.6	60	28.1
23	73.9	42	67.3	32	59.3	42	50.2	52	39.4	62	27.9
25	73.7	44	67.2	34	59.1	44	50.0	54	39.1	64	27.7
27	73.6	46	67.1	36	58.9	46	49.8	56	38.9	66	27.4
29	73.4	48	66.9	38	58.7	48	49.6	58	38.6	68	27.2
31	73.3	50	66.8	40	58.5	50	49.4	60	38.4	70	27.0
33	73.2	52	66.7	42	58.3	52	49.2	62	38.2	72	26.7
35	73.0	54	66.5	44	58.1	54	49.0	64	38.0	74	26.5
37	72.9	56	66.4	46	57.9	56	48.8	66	37.8	76	26.3
39	72.8	58	66.3	48	57.7	58	48.6	68	37.5	78	26.0
41	72.6	60	66.1	50	57.6	60	48.4	70	37.3	80	25.7
43	72.5	62	66.0	52	57.4	62	48.2	72	37.0	82	25.5
45	72.4	64	65.9	54	57.2	64	48.0	74	36.8	84	25.2
47	72.3	66	65.7	56	57.1	66	47.8	76	36.6	86	25.0
49	72.1	68	65.0	58	56.9	68	47.6	78	36.4	88	24.7
51	72.0	70	65.4	60	56.8	70	47.4	80	36.2	90	24.5
53	71.9	72	65.3	62	56.6	72	47.2	82	36.0	92	24.2
55	71.8	74	65.1	64	56.5	74	47.0	84	35.8	94	24.0
57	71.6	76	65.0	66	56.3	76	46.8	86	35.5	96	23.7
59	71.5	78	64.8	68	56.1	78	46.6	88	35.3	98	23.5
61	71.4	80	64.7	70	56.0	80	46.4	90	35.1	100	23.2
63	71.2	82	64.5	72	55.8	82	46.2	92	34.9		
65	71.1	84	64.4	74	55.6	84	46.0	94	34.6		
67	71.0	86	64.2	76	55.4	86	45.8	96	34.4		
69	70.8	88	64.1	78	55.2	88	45.6	98	34.2		
71	70.7	90	63.9	80	55.1	90	45.3	100	34.0		
73	70.6	92	63.8	82	54.9	92	45.0		33.8		
75	70.5	94	63.6	84	54.7	94	44.8		33.5		
77	70.3	96	63.4	86	54.5	96	44.6		33.2		
79	70.2	98	63.2	88	54.3	98	44.4		33.0		
81	70.1	100	63.1	90	54.2	100	44.2		32.8		
83	69.9		62.9	92	54.0		44.0		32.6		
85	69.8		62.7	94	53.8		43.8		32.4		
87	69.7		62.6	96	53.6		43.5		32.1		
89	69.5		62.4	98	53.4		43.2		31.9		
91	69.4		62.2	100	53.3		43.0		31.7		

GLASS HYDROMETER

Temperature 81° F.

Dive on Stem	Per cent over Proof	Dive on Stem	Per cent over Proof	Dive on Stem	Per cent under Proof	Dive on Stem	Per cent under Proof	Dive on Stem	Per cent under Proof	Dive on Stem	Per cent under Proof	Dive on Stem	Per cent under Proof
40	19 5	50	5 6	60	8 8	70	26 12	80	48 3	90	76 5		
2	19 2	2	5 3	2	9 1	2	26 6	2	48 6	2	77 1		
4	19 0	4	5 0	4	9 4	4	26 9	4	49 3	4	77 7		
6	18 7	6	4 9	6	9 8	6	27 2	6	49 8	6	78 2		
8	18 5	8	4 6	8	10 1	8	27 7	8	50 3	8	78 8		
10	18 2	10	4 4	10	10 4	10	28 0	10	50 9	10	79 4		
12	18 0	12	4 1	12	10 7	12	28 4	12	51 4	12	80 0		
14	17 7	14	3 8	14	11 0	14	28 8	14	51 9	14	80 5		
16	17 5	16	3 5	16	11 4	16	29 2	16	52 5	16	81 1		
18	17 2	18	3 2	18	11 7	18	29 6	18	53 0	18	81 6		
20	17 0	20	3 0	20	12 0	20	30 0	20	53 6	20	82 1		
22	16 7	22	2 7	22	12 4	22	30 4	22	54 1	22	82 7		
24	16 4	24	2 4	24	12 7	24	30 8	24	54 6	24	83 2		
26	16 1	26	2 1	26	13 1	26	31 2	26	55 2	26	83 8		
28	15 8	28	1 8	28	13 4	28	31 6	28	55 8	28	84 3		
30	15 5	30	1 5	30	13 8	30	32 1	30	56 3	30	84 8		
32	15 2	32	1 2	32	14 2	32	32 5	32	56 8	32	85 4		
34	15 0	34	1 0	34	14 5	34	32 9	34	57 4	34	85 9		
36	14 7	36	0 7	36	14 8	36	33 4	36	57 9	36	86 4		
38	14 4	38	0 4	38	15 2	38	33 8	38	58 5	38	87 0		
40	14 2	40	0 1	40	15 5	40	34 2	40	59 0	40	87 5		
42	13 0	42	0 2	42	15 9	42	34 7	42	59 6	42	88 0		
44	13 6	44	0 3	44	16 2	44	35 2	44	60 1	44	88 6		
46	13 3	46	0 7	46	16 5	46	35 6	46	60 7	46	89 1		
48	13 0	48	1 0	48	16 9	48	36 0	48	61 3	48	89 6		
50	12 8	50	1 3	50	17 2	50	36 4	50	61 9	50	90 2		
52	12 5	52	1 6	52	17 6	52	36 9	52	62 4	52	90 7		
54	12 3	54	1 9	54	18 0	54	37 4	54	63 0	54	91 2		
56	12 0	56	2 2	56	18 3	56	37 8	56	63 5	56	91 7		
58	11 7	58	2 4	58	18 6	58	38 2	58	64 1	58	92 2		
60	11 4	60	2 7	60	19 0	60	38 7	60	64 7	60	92 8		
62	11 1	62	3 0	62	19 4	62	39 1	62	65 3	62	93 3		
64	10 9	64	3 3	64	19 8	64	39 6	64	65 9	64	93 8		
66	10 6	66	3 6	66	20 2	66	40 0	66	66 5	66	94 3		
68	10 3	68	3 9	68	20 5	68	40 5	68	67 1	68	94 8		
70	10 0	70	4 2	70	20 9	70	41 0	70	67 7	70	95 4		
72	9 7	72	4 5	72	21 2	72	41 5	72	68 3	72	95 9		
74	9 4	74	4 8	74	21 6	74	42 0	74	68 9	74	96 4		
76	9 2	76	5 1	76	21 9	76	42 5	76	69 5	76	96 9		
78	8 9	78	5 4	78	22 3	78	42 9	78	70 1	78	97 5		
80	8 6	80	5 7	80	22 6	80	43 4	80	70 7	80	98 0		
82	8 3	82	6 0	82	23 0	82	43 9	82	71 3	82	98 5		
84	8 0	84	6 3	84	23 3	84	44 4	84	71 9	84	99 1		
86	7 7	86	6 6	86	23 6	86	44 9	86	72 5	86	99 6		
88	7 5	88	6 9	88	24 0	88	45 4	88	73 1	88			
90	7 2	90	7 2	90	24 4	90	45 8	90	73 7	90			
92	6 9	92	7 5	92	24 7	92	46 3	92	74 3	92			
94	6 6	94	7 9	94	25 1	94	46 8	94	74 9	94			
96	6 3	96	8 2	96	25 5	96	47 3	96	75 5	96			
98	6 0	98	8 5	98	25 8	98	47 8	98	76 0	98			
100	5 8	100	8 8	100	26 2	100	48 3	100	76 5	100			

[GLASS HYDROMETER.

A

Temperature 82° F.

Days on Stem A	Per cent over Proof	Days on Stem A	Per cent over Proof	Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof
0		10	63 2	0	62 0	10	53 0	20	42 6	30	31 4		
2		2	69 1	2	61 8	2	52 9	2	42 4	2	31 1		
4		4	68 0	4	61 6	4	52 7	4	42 2	4	30 9		
6		6	68 8	6	61 4	6	52 5	6	42 0	6	30 7		
8	75 2	8	68 7	8	61 2	8	52 3	8	41 7	8	30 5		
1	75 1	11	68 5	1	61 1	11	52 1	21	41 5	31	30 3		
2	73 0	12	68 4	2	60 9	2	51 9	2	41 2	2	30 0		
4	74 8	4	68 3	4	60 7	4	51 7	4	41 0	4	29 8		
6	74 7	6	68 1	6	60 5	6	51 5	6	40 8	6	29 6		
8	74 6	8	68 0	8	60 4	8	51 3	8	40 6	8	29 4		
2	74 4	13	67 9	2	60 2	12	51 1	22	40 4	32	29 1		
4	74 3	2	67 8	2	60 0	2	50 9	2	40 2	2	28 9		
6	74 2	4	67 6	4	59 8	4	50 7	4	40 0	4	28 6		
8	74 1	6	67 5	6	59 6	6	50 5	6	39 7	6	28 4		
2	73 9	8	67 4	8	59 4	8	50 3	8	39 5	8	28 1		
3	73 8	13	67 3	3	59 2	13	50 0	23	39 3	33	27 0		
4	73 7	2	67 1	2	59 1	2	49 8	2	39 0	2	27 6		
6	73 5	4	67 0	4	58 9	4	49 6	4	38 8	4	27 4		
8	73 4	6	66 9	6	58 8	6	49 4	6	38 6	6	27 1		
2	73 2	8	66 7	8	58 6	8	49 2	8	38 4	8	26 9		
4	73 1	14	66 6	4	58 4	14	49 0	24	38 1	34	26 7		
2	73 0	2	66 5	2	58 2	2	48 8	2	37 9	2	26 4		
4	72 8	4	66 3	4	58 0	4	48 6	4	37 6	4	26 2		
6	72 7	6	66 2	6	57 8	6	48 4	6	37 4	6	25 0		
8	72 6	8	66 1	8	57 7	8	48 2	8	37 2	8	25 7		
5	72 4	15	66 0	5	57 6	15	48 0	25	37 0	35	25 4		
2	72 3	2	65 8	2	57 4	2	47 8	2	36 8	2	25 2		
4	72 2	4	65 7	4	57 2	4	47 6	4	36 5	4	24 9		
6	72 1	6	65 5	6	57 0	6	47 4	6	36 3	6	24 7		
8	71 9	8	65 4	8	56 8	8	47 2	8	36 1	8	24 4		
6	71 8	10	65 3	6	56 7	16	47 0	26	35 9	36	24 2		
2	71 7	2	65 1	2	56 6	2	46 8	2	35 7	2	23 9		
4	71 6	4	64 9	4	56 4	4	46 6	4	35 4	4	23 7		
6	71 4	6	64 8	6	56 2	6	46 4	6	35 2	6	23 4		
8	71 3	8	64 6	8	56 0	8	46 2	8	35 0	8	23 2		
7	71 2	17	64 5	7	55 8	17	46 0	27	34 8	37	22 9		
2	71 0	2	64 3	2	55 6	2	45 8	2	34 6	2	22 7		
4	70 9	4	64 2	4	55 4	4	45 6	4	34 4	4	22 4		
6	70 8	6	64 0	6	55 2	6	45 4	6	34 2	6	22 2		
8	70 6	8	63 9	8	55 0	8	45 2	8	33 9	8	21 9		
8	70 5	18	63 7	8	54 8	18	45 0	28	33 6	38	21 7		
2	70 4	2	63 5	2	54 6	2	44 8	2	33 4	2	21 4		
4	70 3	4	63 4	4	54 5	4	44 6	4	33 2	4	21 2		
6	70 1	6	63 2	6	54 3	6	44 4	6	33 0	6	20 9		
8	70 0	8	63 0	8	54 2	8	44 2	8	32 7	8	20 7		
9	69 9	19	62 9	9	54 0	19	44 0	29	32 5	39	20 4		
2	69 7	2	62 7	2	53 8	2	43 7	2	32 3	2	20 2		
4	69 6	4	62 5	4	53 6	4	43 5	4	32 0	4	19 9		
6	69 5	6	62 4	6	53 4	6	43 2	6	31 8	6	19 7		
8	69 3	8	62 2	8	53 2	8	42 9	8	31 6	8	19 4		
10	69 2	20	62 0	10	53 0	20	42 6	30	31 4	40	19 2		

GLASS HYDROMETER.

Temperature 82° F.

Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent under Proof	Divs on Stem	Per cent under Proof	Divs on Stem	Per cent under Proof	Divs on Stem	Per cent under Proof	Divs on Stem	Per cent under Proof	Divs on Stem	Per cent under Proof
40	19 2	50	5 4	60	9 2	70	26 6	80	48 6	90	76 8				
12	18 9	2	5 2	2	9 0	2	27 0	2	49 1	2	77 3				
4	18 6	4	4 9	4	9 8	4	27 3	4	49 6	4	77 9				
0	18 4	0	4 6	0	9 8	0	27 7	0	50 2	0	78 4				
8	18 2	8	4 3	8	10 0	8	24 1	8	50 7	8	79 0				
41	17 9	51	4 0	61	10 8	71	24 4	81	51 2	91	79 6				
2	17 7	2	3 8	2	11 1	2	28 8	2	51 7	2	80 2				
4	17 4	4	3 5	4	11 4	4	29 2	4	52 3	4	80 7				
6	17 2	6	3 2	6	11 8	6	29 6	6	52 8	6	81 3				
8	16 9	8	2 9	8	12 1	8	30 0	8	53 3	8	81 8				
42	16 6	52	2 6	62	12 4	72	30 4	82	53 9	92	82 3				
2	16 4	2	2 3	2	12 8	2	30 8	2	54 4	2	82 9				
4	16 1	4	2 0	4	13 1	4	31 2	4	55 0	4	83 4				
6	15 8	6	1 8	6	13 5	6	31 6	6	55 5	6	84 0				
8	15 5	8	1 5	8	13 8	8	32 0	8	56 0	8	84 5				
43	15 2	53	1 2	63	14 2	73	32 5	83	56 6	93	85 0				
2	14 9	2	0 9	2	14 5	2	32 9	2	57 2	2	85 6				
4	14 7	4	0 6	4	14 9	4	33 3	4	57 7	4	86 1				
6	14 4	6	0 3	6	15 2	6	33 8	6	58 3	6	86 6				
8	14 1	8		8	15 6	8	34 2	8	58 8	8	87 2				
44	13 9	54	0 2	64	15 9	74	34 6	84	59 4	94	87 7				
2	13 6	2	0 5	2	16 3	2	35 1	2	59 9	2	88 2				
4	13 3	4	0 8	4	16 6	4	35 6	4	60 5	4	88 8				
6	13 1	6	1 1	6	17 0	6	36 0	6	61 0	6	89 3				
8	12 8	8	1 4	8	17 3	8	36 4	8	61 6	8	89 8				
45	12 5	55	1 7	65	17 6	75	36 8	85	62 2	95	90 4				
2	12 2	2	2 0	2	18 0	2	37 3	2	62 8	2	90 9				
4	11 9	4	2 2	4	18 3	4	37 8	4	63 4	4	91 4				
6	11 7	6	2 5	6	18 6	6	38 2	6	63 9	6	91 9				
8	11 4	8	2 8	8	19 0	8	39 6	8	64 5	8	92 4				
46	11 1	56	3 1	66	19 4	76	39 1	86	65 1	96	93 0				
2	10 8	2	3 4	2	19 8	2	39 5	2	65 7	2	93 5				
4	10 5	4	3 7	4	20 1	4	40 0	4	66 3	4	94 0				
6	10 3	6	4 0	6	20 5	6	40 4	6	66 8	6	94 5				
8	10 0	8	4 3	8	20 8	8	40 9	8	67 4	8	95 0				
47	9 7	57	4 6	67	21 2	77	41 4	87	68 0	97	95 6				
2	9 4	2	4 9	2	21 6	2	41 9	2	68 6	2	96 1				
4	9 1	4	5 2	4	22 0	4	42 4	4	69 3	4	96 6				
6	8 8	6	5 5	6	22 3	6	42 8	6	69 9	6	97 1				
8	8 6	8	5 8	8	22 7	8	43 2	8	70 5	8	97 7				
48	8 3	58	6 1	68	23 0	78	43 7	88	71 1	98	98 2				
2	8 0	2	6 4	2	23 4	2	44 2	2	71 7	2	98 7				
4	7 7	4	6 7	4	23 7	4	44 7	4	72 2	4	99 3				
6	7 4	6	7 0	6	24 0	6	45 1	6	72 8	6	99 8				
8	7 1	8	7 3	8	24 4	8	45 6	8	73 4	8					
49	6 9	59	7 6	69	24 8	79	46 1	89	74 0	99					
2	6 6	2	7 9	2	25 1	2	46 6	2	74 6	2					
4	6 3	4	8 3	4	25 5	4	47 1	4	75 2	4					
6	6 0	6	8 6	6	25 9	6	47 5	6	75 8	6					
8	5 7	8	8 9	8	26 2	8	48 1	8	76 3	8					
50	5 4	60	9 2	70	26 6	80	48 6	90	76 8	100					

Temperature 83° F.

90

GLASS HYDROMETER

Temperature 83° F.

Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof	Days on Stem	Per cent under Proof	Days on Stem	Per cent under Proof	Days on Stem	Per cent under Proof	Days on Stem	Per cent under Proof	Days on Stem	Per cent under Proof	Days on Stem	Per cent under Proof
40	18 9	50	5 1	60	9 5	70	27 0	80	49 0	90	77 0				
12	18 6	12	4 8	2	9 8	12	27 4	12	49 5	2	77 5				
4	18 3	4	4 6	4	10 1	4	27 7	4	50 0	4	78 1				
5	18 1	5	4 5	6	10 5	6	28 1	6	50 5	6	78 6				
8	17 9	8	3 9	8	10 8	8	28 4	8	51 0	8	79 2				
41	17 5	51	3 7	61	11 1	71	28 8	81	51 5	91	79 6				
2	17 3	2	3 4	2	11 4	2	29 2	2	52 0	2	80 4				
4	17 0	4	3 1	4	11 9	4	29 6	4	52 5	4	80 9				
6	16 8	6	2 8	6	12 1	6	30 0	6	53 1	6	81 5				
8	16 5	8	2 5	8	12 4	8	30 4	8	53 6	8	82 0				
42	16 2	52	2 2	62	12 8	72	30 8	82	54 2	92	82 5				
2	16 0	2	2 0	2	13 1	2	31 2	2	54 7	2	83 1				
4	15 7	4	1 7	4	13 4	4	31 6	4	55 3	4	83 6				
6	15 4	6	1 4	6	13 8	6	32 0	6	55 8	6	84 2				
8	15 2	8	1 1	8	14 1	8	32 4	8	56 4	8	84 7				
43	14 9	53	0 8	63	14 5	73	32 8	83	57 0	93	85 2				
2	14 6	2	0 6	2	14 9	2	33 2	2	57 6	2	85 8				
4	14 4	4	0 2	4	15 2	4	33 7	4	58 2	4	86 3				
6	14 1	6	0 1	6	15 6	6	34 1	6	58 7	6	86 8				
9	13 8	9	0 3	9	15 9	9	34 6	9	59 2	9	87 4				
44	13 6	54	0 6	64	16 2	74	35 0	84	59 7	94	87 9				
2	13 2	2	0 9	2	16 6	2	35 5	2	60 2	2	88 4				
4	13 0	4	1 2	4	17 0	4	36 0	4	60 8	4	89 0				
6	12 7	6	1 4	6	17 3	6	36 4	6	61 4	6	89 5				
9	12 4	9	1 7	9	17 6	9	36 8	9	62 0	9	90 0				
45	12 1	55	2 0	65	18 0	75	37 2	85	62 6	95	90 6				
2	11 8	2	2 3	2	18 3	2	37 7	2	63 1	2	91 1				
4	11 6	4	2 6	4	18 7	4	38 1	4	63 7	4	91 6				
6	11 3	6	2 9	6	19 0	6	38 6	6	64 2	6	92 1				
8	11 0	8	3 1	8	19 4	8	39 0	8	64 8	8	92 6				
46	10 7	56	3 4	66	19 8	76	39 5	86	65 4	96	93 2				
2	10 4	2	3 7	2	20 2	2	39 9	2	66 0	2	93 7				
4	10 2	4	4 0	4	20 5	4	40 4	4	66 6	4	94 2				
6	9 9	6	4 3	6	20 9	6	40 8	6	67 1	6	94 7				
8	9 6	8	4 6	8	21 2	8	41 3	8	67 7	8	95 2				
47	9 3	57	4 9	67	21 6	77	41 8	87	68 4	97	95 8				
12	9 0	12	5 2	2	21 9	2	42 2	2	69 0	2	96 3				
4	8 7	4	5 5	4	22 3	4	42 7	4	69 6	4	96 8				
6	8 5	6	5 8	6	22 6	6	43 2	6	70 2	6	97 3				
8	8 2	8	6 1	8	23 0	8	43 6	8	70 8	8	97 9				
48	7 9	58	6 4	68	23 3	78	44 1	88	71 4	98	98 4				
2	7 6	2	6 7	2	23 7	2	44 6	2	72 0	2	98 9				
4	7 3	4	7 0	4	24 1	4	45 1	4	72 5	4	99 4				
6	7 0	6	7 3	6	24 4	6	45 5	6	73 1	6	99 9				
8	6 8	8	7 6	8	24 8	8	46 0	8	73 6	8					
49	6 5	59	7 9	69	25 2	79	46 5	89	74 2	99					
12	6 2	12	8 2	2	25 5	2	47 0	2	74 8	2					
4	5 9	4	8 6	4	25 9	4	47 5	4	75 4	4					
6	5 6	6	8 9	6	26 3	6	48 0	6	76 0	6					
8	5 3	8	9 2	8	26 6	8	48 5	8	76 5	8					
50	5 1	60	9 5	70	27 0	80	49 0	90	77 0	100					

GLASS HYDROMETER.

A

Temperature 84° F.

Dive on Stem A	Per cent. over Proof	Dive on Stem. A	Per cent. over Proof	Dive on Stem.	Per cent. over Proof	Dive on Stem.	Per cent. over Proof	Dive on Stem	Per cent. over Proof	Dive on Stem.	Per cent. over Proof
0		10	68 8	0	61 5	10	52 4	20	42 0	30	30 8
2		2	68 7	2	61 3	2	52 3	2	41 8	2	30 6
4	75 2	4	68 5	4	61 1	4	52 2	4	41 6	4	30 4
6	75 1	6	68 4	6	60 9	6	52 0	6	41 3	6	30 1
8	75 0	8	68 3	8	60 7	8	51 8	8	41 1	8	29 9
1	74 8	11	68 1	1	60 6	11	51 6	21	40 9	31	29 7
2	74 7	2	68 0	2	60 4	2	51 4	2	40 6	2	29 6
4	74 6	4	67 9	4	60 2	4	51 2	4	40 4	4	29 3
6	74 4	6	67 7	6	60 0	6	51 0	6	40 2	6	29 0
8	74 2	8	67 6	8	59 8	8	50 8	8	40 0	8	28 8
2	74 0	12	67 5	2	59 7	12	50 6	22	39 8	32	28 6
2	73 9	2	67 4	2	59 6	2	50 4	2	39 6	2	28 3
4	73 8	4	67 2	4	59 4	4	50 2	4	39 4	4	28 1
6	73 7	6	67 1	6	59 2	6	49 9	6	39 1	6	27 8
8	73 5	8	67 0	8	59 0	8	49 7	8	38 9	8	27 6
3	73 4	13	66 9	3	58 8	13	49 5	23	38 8	33	27 4
2	73 3	2	66 7	2	58 6	2	49 3	2	38 4	2	27 1
4	73 1	4	66 6	4	58 4	4	49 1	4	38 2	4	26 9
6	73 0	6	66 5	6	58 2	6	48 9	6	38 0	6	26 6
8	72 8	8	66 3	8	58 0	8	48 7	8	37 7	8	26 4
4	72 7	14	66 2	4	57 9	14	48 5	24	37 5	34	26 1
2	72 6	2	66 0	2	57 8	2	48 3	2	37 3	2	25 9
4	72 4	4	65 9	4	57 6	4	48 1	4	37 0	4	25 7
6	72 3	6	65 7	6	57 4	6	47 9	6	36 8	6	25 4
8	72 2	8	65 6	8	57 2	8	47 7	8	36 6	8	25 2
5	72 0	15	65 4	5	57 0	15	47 5	25	36 4	35	24 9
2	71 9	2	65 3	2	56 9	2	47 3	2	36 2	2	24 7
4	71 8	4	65 1	4	56 8	4	47 1	4	36 0	4	24 4
6	71 7	6	65 0	6	56 6	6	46 9	6	35 7	6	24 2
8	71 5	8	64 8	8	56 4	8	46 7	8	35 5	8	23 9
0	71 4	10	64 7	0	56 2	10	46 5	20	35 3	30	23 7
2	71 3	2	64 5	2	56 0	2	46 3	2	35 1	2	23 4
4	71 2	4	64 4	4	55 8	4	46 1	4	34 8	4	23 2
6	71 0	6	64 3	6	55 6	6	45 9	6	34 6	6	22 9
8	70 9	8	64 2	8	55 4	8	45 6	8	34 4	8	22 7
7	70 8	17	64 1	7	55 2	17	45 4	27	34 2	37	22 4
2	70 6	2	63 9	2	55 0	2	45 2	2	34 0	2	22 2
4	70 5	4	63 7	4	54 9	4	45 0	4	33 8	4	21 9
6	70 4	6	63 6	6	54 8	6	44 8	6	33 6	6	21 7
8	70 2	8	63 4	8	54 6	8	44 6	8	33 3	8	21 4
8	70 1	18	63 2	8	54 4	18	44 4	28	33 1	38	21 2
2	70 0	2	63 1	2	54 2	2	44 2	2	32 9	2	20 9
4	69 9	4	62 9	4	54 0	4	44 0	4	32 6	4	20 7
6	69 7	6	62 7	6	53 8	6	43 8	6	32 4	6	20 4
8	69 6	8	62 5	8	53 6	8	43 5	8	32 1	8	20 2
9	69 5	19	62 4	9	53 4	19	43 2	29	31 9	39	19 9
2	69 3	2	62 2	2	53 2	2	43 0	2	31 7	2	19 7
4	69 2	4	62 0	4	53 0	4	42 8	4	31 4	4	19 4
6	69 1	6	61 8	6	52 8	6	42 6	6	31 2	6	19 1
8	68 9	8	61 6	8	52 6	8	42 3	8	31 0	8	18 9
10	68 8	20	61 5	10	52 4	20	42 0	30	30 8	40	18 6

GLASS HYDROMETER.

Temperature 84° F.

Days on Stem	Per cent. over Proof	Days on Stem	Per cent. over Proof	Days on Stem	Per cent. under Proof	Days on Stem	Per cent. under Proof	Days on Stem	Per cent. under Proof	Days on Stem	Per cent. under Proof	Days on Stem	Per cent. under Proof	Days on Stem	Per cent. under Proof
40	18 6	50	4 7	60	9 9	70	27 4	80	40 4	90	77 3				
12	18 3	2	4 5	12	10 2	12	27 9	12	49 9	12	77 8				
4	18 0	4	4 2	4	10 5	4	28 1	4	50 4	4	78 3				
6	17 8	6	3 9	6	10 9	6	28 5	6	50 9	6	78 8				
8	17 5	8	3 6	8	11 2	8	28 8	8	51 4	8	79 4				
41	17 2	51	3 3	61	11 6	71	29 12	81	51 0	91	80 0				
2	17 0	2	3 1	2	11 8	2	29 6	2	52 4	2	80 6				
4	16 7	4	2 8	4	12 2	4	30 0	4	53 0	4	81 1				
6	16 5	6	2 5	6	12 5	6	30 4	6	53 5	6	81 7				
8	16 2	8	2 2	8	12 8	8	30 8	8	54 0	8	82 2				
42	15 9	52	1 9	62	13 12	72	31 2	82	54 5	92	82 7				
2	15 7	2	1 6	2	13 5	2	31 6	2	55 0	2	83 3				
4	15 4	4	1 4	4	13 8	4	32 0	4	55 5	4	83 8				
6	15 1	6	1 1	6	14 2	6	32 4	6	56 2	6	84 4				
8	14 9	8	0 8	8	14 5	8	32 8	8	56 8	8	84 9				
43	14 6	53	0 5	63	14 9	73	33 2	83	57 3	93	85 4				
2	14 3	2	0 2	2	15 2	2	33 6	2	57 9	2	86 0				
4	14 1	4	0 1	4	15 6	4	34 1	4	58 4	4	86 5				
6	13 8	6	0 4	6	15 9	6	34 5	6	59 0	6	87 0				
8	13 5	8	0 7	8	16 3	8	35 0	8	59 5	8	87 5				
44	13 2	54	0 0	64	16 6	74	35 4	84	60 0	94	88 1				
2	12 0	2	1 2	2	17 0	2	35 9	2	60 0	2	88 6				
4	12 7	4	1 5	4	17 3	4	36 4	4	61 1	4	89 2				
6	12 4	6	1 8	6	17 7	6	36 8	6	61 6	6	89 7				
8	12 1	8	2 1	8	18 0	8	37 2	8	62 2	8	90 2				
45	11 8	55	1 4	65	18 4	75	37 6	85	62 8	95	90 8				
2	11 5	2	2 7	2	18 7	2	38 1	2	63 4	2	91 3				
4	11 2	4	2 9	4	19 1	4	38 6	4	64 0	4	91 8				
6	11 0	6	3 2	6	19 4	6	39 0	6	64 5	6	92 3				
8	10 7	8	3 5	8	19 8	8	39 4	8	65 1	8	92 8				
46	10 4	56	3 8	66	20 1	76	39 8	86	65 7	96	93 4				
2	10 1	2	4 1	2	20 5	2	40 2	2	66 2	2	93 9				
4	9 8	4	4 4	4	20 8	4	40 7	4	66 8	4	94 4				
6	9 6	6	4 7	6	21 2	6	41 2	6	67 4	6	94 9				
8	9 3	8	5 0	8	21 5	8	41 7	8	68 0	8	95 4				
47	9 0	57	5 3	67	21 9	77	42 2	87	68 6	97	96 0				
2	8 7	2	5 6	2	22 3	2	42 6	2	69 3	2	96 5				
4	8 4	4	5 9	4	22 6	4	43 0	4	70 5	4	97 0				
6	8 1	6	6 2	6	23 0	6	43 5	6	71 1	6	97 5				
8	7 9	8	6 5	8	23 4	8	44 0	8	71 7	8	98 1				
48	7 6	58	6 9	68	23 7	78	44 5	88	72 3	98	98 6				
2	7 3	2	7 1	2	24 1	2	45 0	2	72 8	2	99 1				
4	7 0	4	7 4	4	24 5	4	45 5	4	73 4	4	99 6				
6	6 7	6	7 7	6	24 8	6	45 9	6	73 9	6					
8	6 4	8	8 0	8	25 2	8	46 4	8	74 5	8					
49	6 2	59	8 3	69	25 6	79	46 9	89	75 0	99					
2	5 9	2	8 6	2	25 9	2	47 4	2	75 6	2					
4	5 6	4	9 0	4	26 3	4	47 9	4	76 2	4					
6	5 3	6	9 3	6	26 7	6	48 4	6	76 7	6					
8	5 0	8	9 6	8	27 0	8	48 9	8	77 3	8					
50	4 7	60	9 9	70	27 4	80	49 4	90		100					

GLASS HYDROMETER

A

Temperature 85° F.

Divs on Stem A	Per cent over Proof	Divs on Stem A	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof
0	73 1	10	68 5	0	61 1	10	52 3	20	41 7	30	30 4				
2	75 0	2	68 4	2	60 9	2	52 1	2	41 5	2	30 2				
4	74 8	4	68 3	4	60 8	4	51 9	4	41 2	4	30 0				
6	74 7	6	68 2	6	60 6	6	51 7	6	41 0	6	29 8				
8	74 6	8	68 0	8	60 4	8	51 5	8	40 8	8	29 6				
1	74 5	11	67 9	1	60 1	11	51 3	21	40 6	31	29 3				
2	74 3	2	67 8	2	60 0	2	51 1	2	40 4	2	29 1				
4	74 2	4	67 7	4	59 9	4	50 9	4	40 1	4	28 9				
6	74 1	6	67 5	6	59 8	6	50 7	6	39 9	6	28 6				
8	73 9	8	67 4	8	59 6	8	50 4	8	39 7	8	28 4				
10	73 8	12	67 3	10	59 4	12	50 2	12	39 5	12	28 2				
2	73 6	2	67 1	2	59 2	2	50 0	2	39 3	2	27 9				
4	73 5	4	67 0	4	59 0	4	49 8	4	39 0	4	27 7				
6	73 4	6	66 9	6	58 9	6	49 6	6	38 8	6	27 5				
8	73 2	8	66 7	8	58 8	8	49 4	8	38 6	8	27 2				
2	73 1	13	66 6	3	58 6	13	49 2	13	38 3	33	27 0				
4	73 0	2	66 5	2	58 4	2	49 0	2	38 1	2	26 8				
6	72 8	4	66 3	4	58 2	4	48 8	4	37 9	4	26 5				
8	72 7	6	66 2	6	58 0	6	48 6	6	37 6	6	26 3				
4	72 6	8	66 0	8	57 8	8	48 4	8	37 4	8	26 0				
2	72 5	14	65 9	4	57 7	14	48 2	14	37 2	14	25 8				
4	72 3	2	65 7	2	57 5	2	48 0	2	37 0	2	25 5				
6	72 2	4	65 6	4	57 3	4	47 8	4	36 8	4	25 3				
8	72 1	6	65 4	6	57 1	6	47 6	6	36 5	6	25 0				
5	72 0	8	65 3	8	57 0	8	47 4	8	36 3	8	24 8				
2	71 8	15	65 1	5	56 8	15	47 2	15	36 1	15	24 5				
4	71 7	2	65 0	2	56 6	2	47 0	2	35 9	2	24 3				
6	71 6	4	64 8	4	56 4	4	46 8	4	35 7	4	24 0				
8	71 4	6	64 7	6	56 2	6	46 6	6	35 4	6	23 8				
9	71 3	8	64 5	8	56 0	8	46 4	8	35 2	8	23 5				
6	71 2	10	64 4	6	55 9	10	46 2	10	35 0	10	23 3				
2	71 0	2	64 2	2	55 7	2	46 0	2	34 8	2	23 0				
4	70 9	4	64 1	4	55 6	4	45 8	4	34 5	4	22 8				
6	70 8	6	63 9	6	55 3	6	45 6	6	34 3	6	22 5				
8	70 7	8	63 8	8	55 2	8	45 4	8	34 1	8	22 3				
7	70 5	17	63 6	7	55 0	17	45 2	17	33 9	17	22 0				
2	70 4	2	63 4	2	54 8	2	45 0	2	33 7	2	21 8				
4	70 3	4	63 3	4	54 6	4	44 8	4	33 4	4	21 5				
6	70 1	6	63 1	6	54 4	6	44 6	6	33 2	6	21 3				
8	70 0	8	62 9	8	54 2	8	44 4	8	33 0	8	21 0				
8	69 9	18	62 8	8	54 1	18	44 2	18	32 8	18	20 8				
2	69 7	2	62 6	2	54 0	2	44 0	2	32 5	2	20 5				
4	69 6	4	62 4	4	53 8	4	43 7	4	32 3	4	20 3				
6	69 5	6	62 3	6	53 6	6	43 4	6	32 0	6	20 0				
8	69 3	8	62 1	8	53 4	8	43 2	8	31 8	8	19 8				
9	69 2	19	61 9	9	53 2	19	42 9	19	31 6	19	19 5				
2	69 1	2	61 8	2	53 0	2	42 7	2	31 4	2	19 3				
4	68 9	4	61 6	4	52 8	4	42 4	4	31 1	4	19 0				
6	68 8	6	61 4	6	52 6	6	42 2	6	30 9	6	18 7				
8	68 7	8	61 3	8	52 4	8	42 0	8	30 7	8	18 5				
10	68 5	20	61 1	10	52 3	20	41 7	20	30 4	20	19 2				

GLASS HYDROMETER.

Temperature 85° F.

Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof	Days on Stem	Per cent under Proof	Days on Stem	Per cent under Proof	Days on Stem	Per cent under Proof	Days on Stem	Per cent under Proof	Days on Stem	Per cent under Proof	Days on Stem	Per cent under Proof
40	18 2	50	4 3	60	10 3	70	25 8	80	49 8	90	77 6				
12	19 0	12	4 1	12	10 6	12	28 1	12	50 3	12	78 0				
4	17 7	4	3 8	4	10 9	4	23 5	4	50 8	4	78 6				
6	17 5	6	3 6	6	11 3	6	28 8	6	51 3	6	79 1				
8	17 2	8	3 3	8	11 6	8	29 2	8	51 8	8	79 7				
41	10 9	51	3 0	61	11 9	71	29 6	81	52 3	91	80 2				
12	16 7	2	2 7	2	12 2	2	30 0	2	52 8	2	80 9				
4	16 4	4	2 4	4	12 6	4	30 4	4	53 3	4	81 3				
6	16 1	6	2 1	6	12 9	6	30 8	6	53 8	6	81 9				
8	15 8	8	1 8	8	13 2	8	31 2	8	54 4	8	82 4				
42	15 5	52	1 5	62	13 6	72	31 6	82	54 9	92	82 9				
2	15 3	2	1 2	2	13 9	2	32 0	2	55 4	2	83 3				
4	15 0	4	0 9	4	14 2	4	32 4	4	56 0	4	84 0				
6	14 7	6	0 7	6	14 6	6	32 9	6	56 6	6	84 6				
8	14 5	8	0 4	8	14 9	8	33 2	8	57 1	8	85 1				
43	14 2	53	0 1	63	15 3	73	33 6	83	57 6	93	85 6				
2	13 0	2	0 2	2	15 6	2	34 0	2	58 2	2	86 2				
4	13 7	4	0 4	4	16 0	4	34 5	4	58 8	4	86 7				
6	13 4	6	0 7	6	16 3	6	34 9	6	59 3	6	87 2				
8	13 1	8	1 0	8	16 6	8	35 4	8	59 8	8	87 9				
44	12 8	54	1 3	64	17 0	74	35 8	84	60 3	94	88 3				
2	12 5	2	1 6	2	17 4	2	36 3	2	60 9	2	88 9				
4	12 3	4	1 9	4	17 7	4	36 7	4	61 3	4	89 4				
6	12 0	6	2 2	6	18 0	6	37 1	6	62 0	6	89 9				
8	11 7	8	2 5	8	18 4	8	37 6	8	62 6	8	90 4				
45	11 4	55	2 8	65	18 7	75	38 0	85	63 2	95	91 0				
2	11 1	2	3 1	2	19 1	2	38 5	2	63 8	2	91 5				
4	10 8	4	3 3	4	19 4	4	38 9	4	64 3	4	92 0				
6	10 6	6	3 6	6	19 8	6	39 3	6	64 9	6	92 5				
8	10 3	8	3 9	8	20 2	8	39 8	8	65 5	8	93 0				
46	10 0	70	4 2	66	20 5	76	40 3	86	66 1	96	93 6				
2	9 7	2	4 5	2	20 9	2	40 7	2	66 6	2	94 1				
4	9 4	4	4 8	4	21 2	4	41 2	4	67 2	4	94 6				
6	9 2	6	5 1	6	21 6	6	41 6	6	67 8	6	95 1				
8	8 9	8	5 4	8	21 9	8	42 1	8	68 4	8	95 6				
47	8 6	57	5 7	67	22 3	77	42 6	87	69 0	97	96 2				
2	8 3	2	6 0	2	22 7	2	43 0	2	69 5	2	96 7				
4	8 0	4	6 3	4	23 0	4	43 5	4	70 1	4	97 2				
6	7 7	6	6 6	6	23 4	6	43 9	6	70 7	6	97 7				
8	7 5	8	6 9	8	23 8	8	44 6	8	71 3	8	98 3				
48	7 2	59	7 2	69	24 1	79	44 9	89	71 9	99	98 8				
2	6 9	2	7 5	2	24 5	2	45 4	2	72 5	2	99 3				
4	6 6	4	7 8	4	24 9	4	45 8	4	73 1	4	99 8				
6	6 3	6	8 1	6	25 2	6	46 3	6	73 7	6					
8	6 0	8	8 4	8	25 6	8	46 9	8	74 2	8					
49	5 8	50	8 7	60	26 0	70	47 2	80	74 8	90					
2	5 5	2	9 0	2	26 3	2	47 7	2	75 3	2					
4	5 2	4	9 4	4	26 7	4	48 2	4	75 9	4					
6	4 9	6	9 7	6	27 1	6	48 8	6	76 5	6					
8	4 6	8	10 0	8	27 4	8	49 3	8	77 0	8					
50	4 2	60	10 3	70	27 8	80	49 8	90	77 6	100					

GLASS HYDROMETER.

A

Temperature 86° F.

Divs. on Stem A	Per cent over Proof	Divs. on Stem A	Per cent over Proof	Divs. on Stem	Per cent over Proof	Divs. on Stem	Per cent over Proof	Divs. on Stem	Per cent over Proof	Divs. on Stem	Per cent over Proof	Divs. on Stem	Per cent over Proof
0	75 0	10	68 4	0	60 9	10	52 0	20	41 4	30	30 2		
12	74 9	12	68 3	12	60 7	2	51 8	2	41 2	2	30 0		
1	74 7	4	68 2	4	60 6	4	51 6	4	41 0	4	29 7		
6	74 6	6	68 1	6	60 4	6	51 4	6	40 7	6	29 5		
8	74 4	8	67 9	8	60 2	8	51 2	8	40 5	8	29 3		
1	74 3	11	67 8	1	60 1	11	51 0	11	40 3	11	29 0		
2	74 2	2	67 7	2	59 9	2	50 8	2	40 0	2	28 8		
4	74 0	4	67 5	4	59 7	4	50 6	4	39 8	4	28 6		
6	73 9	6	67 4	6	59 5	6	50 4	6	39 6	6	28 3		
8	73 8	8	67 3	8	59 4	8	50 2	8	39 4	8	28 1		
12	73 6	12	67 1	12	59 2	12	50 0	12	39 2	12	27 9		
2	73 5	2	66 9	2	59 0	2	49 8	2	39 0	2	27 6		
4	73 4	4	66 8	4	58 8	4	49 6	4	38 7	4	27 4		
6	73 3	6	66 7	6	58 7	6	49 4	6	38 5	6	27 2		
8	73 1	8	66 5	8	58 5	8	49 2	8	38 2	8	26 9		
3	73 0	13	66 4	3	58 3	13	49 0	13	38 0	13	26 7		
2	72 9	2	66 3	2	58 1	2	48 8	2	37 8	2	26 5		
4	72 7	4	66 1	4	58 0	4	48 6	4	37 6	4	26 2		
6	72 6	6	66 0	6	57 8	6	48 4	6	37 3	6	26 0		
8	72 6	8	65 8	8	57 6	8	48 2	8	37 1	8	25 7		
4	72 4	14	65 7	4	57 4	14	48 0	14	36 9	14	25 5		
2	72 2	2	65 5	2	57 3	2	47 8	2	36 7	2	25 2		
4	72 1	4	65 4	4	57 1	4	47 6	4	36 4	4	25 0		
6	72 0	6	65 2	6	56 9	6	47 4	6	36 2	6	24 7		
8	71 8	8	65 1	8	56 7	8	47 2	8	36 0	8	24 5		
5	71 7	15	64 9	5	56 6	15	47 0	15	35 8	15	24 2		
2	71 6	2	64 8	2	56 4	2	46 8	2	35 6	2	24 0		
4	71 5	4	64 6	4	56 2	4	46 6	4	35 4	4	23 7		
6	71 3	6	64 5	6	56 0	6	46 4	6	35 2	6	23 5		
8	71 2	8	64 3	8	55 8	8	46 2	8	35 0	8	23 2		
1	71 1	16	64 2	1	55 6	16	46 0	16	34 7	16	23 0		
2	70 9	2	64 0	2	55 4	2	45 8	2	34 5	2	22 7		
4	70 8	4	63 9	4	55 3	4	45 6	4	34 2	4	22 5		
6	70 7	6	63 7	6	55 1	6	45 3	6	34 0	6	22 2		
8	70 5	8	63 6	8	54 9	8	45 1	8	33 8	8	22 0		
7	70 4	17	63 4	7	54 7	17	44 9	17	33 6	17	21 7		
2	70 3	2	63 2	2	54 6	2	44 7	2	33 4	2	21 5		
4	70 1	4	63 1	4	54 4	4	44 4	4	33 2	4	21 2		
6	70 0	6	62 9	6	54 2	6	44 2	6	33 0	6	21 0		
8	69 9	8	62 7	8	54 0	8	44 0	8	32 7	8	20 7		
1	69 7	18	62 6	1	53 8	18	43 8	18	32 4	18	20 5		
2	69 6	2	62 4	2	53 6	2	43 6	2	32 2	2	20 2		
4	69 5	4	62 2	4	53 4	4	43 4	4	32 0	4	20 0		
6	69 3	6	62 1	6	53 3	6	43 2	6	31 8	6	19 7		
8	69 2	8	61 9	8	53 1	8	42 8	8	31 5	8	19 5		
9	69 1	19	61 7	9	53 0	19	42 6	19	31 3	19	19 2		
2	69 0	2	61 6	2	52 8	2	42 4	2	31 1	2	19 0		
4	68 8	4	61 4	4	52 6	4	42 2	4	30 8	4	18 7		
6	68 7	6	61 3	6	52 4	6	41 9	6	30 6	6	18 4		
8	68 6	8	61 1	8	52 2	8	41 6	8	30 4	8	18 2		
10	68 4	20	60 9	10	52 0	20	41 4	20	30 2	20	17 9		

GLASS HYDROMETER.

Temperature 86° F.

Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof	Days on Stem	Per cent under Proof	Days on Stem	Per cent under Proof	Days on Stem	Per cent under Proof	Days on Stem	Per cent under Proof	Days on Stem	Per cent under Proof
40	17.9	50	4.0	60	10.6	70	29.1	80	50.1	90	77.8		
2	17.7	2	3.8	2	10.9	2	29.3	2	50.6	2	78.2		
4	17.4	4	3.5	4	11.2	4	29.8	4	51.1	4	78.8		
6	17.2	6	3.2	6	11.6	6	29.2	6	51.6	6	79.3		
8	16.9	8	2.9	8	11.9	8	29.6	8	52.1	8	79.9		
41	16.6	51	2.0	61	12.2	71	30.0	81	52.6	91	80.4		
2	16.3	2	2.4	2	12.5	2	30.3	2	53.1	2	81.0		
4	16.0	4	2.1	4	12.9	4	30.8	4	53.6	4	81.5		
6	15.8	6	1.8	6	13.2	6	31.2	6	54.2	6	82.1		
8	15.5	8	1.5	8	13.6	8	31.6	8	54.7	8	82.6		
42	15.2	52	1.2	62	13.9	72	32.0	82	55.2	92	83.1		
2	15.0	2	0.9	2	14.3	2	32.4	2	55.8	2	83.7		
4	14.7	4	0.6	4	14.6	4	32.8	4	56.3	4	84.2		
6	14.4	6	0.4	6	15.0	6	33.2	6	56.9	6	84.8		
8	14.2	8	0.1	8	15.3	8	33.6	8	57.4	8	85.3		
43	13.9	53	0.2	63	15.6	73	34.0	83	58.0	93	85.8		
2	13.6	2	0.5	2	16.0	2	34.4	2	58.6	2	86.4		
4	13.4	4	0.8	4	16.4	4	34.9	4	59.1	4	86.9		
6	13.1	6	1.1	6	16.7	6	35.3	6	59.6	6	87.4		
8	12.8	8	1.4	8	17.0	8	35.8	8	60.1	8	88.0		
44	12.5	54	1.6	64	17.4	74	36.2	84	60.6	94	88.5		
2	12.2	2	1.9	2	17.7	2	36.7	2	61.2	2	89.0		
4	12.0	4	2.2	4	18.1	4	37.1	4	61.7	4	89.6		
6	11.7	6	2.5	6	18.4	6	37.5	6	62.3	6	90.1		
8	11.4	8	2.8	8	18.7	8	38.0	8	62.9	8	90.6		
45	11.1	55	3.1	65	19.1	75	38.4	85	63.5	95	91.2		
2	10.8	2	3.4	2	19.5	2	38.9	2	64.1	2	91.7		
4	10.5	4	3.6	4	19.9	4	39.3	4	64.6	4	92.2		
6	10.3	6	3.9	6	20.2	6	39.7	6	65.2	6	92.7		
8	10.0	8	4.2	8	20.6	8	40.2	8	65.8	8	93.2		
46	9.7	56	4.5	66	20.9	76	40.7	86	66.4	96	93.8		
2	9.4	2	4.8	2	21.3	2	41.1	2	66.9	2	94.3		
4	9.1	4	5.1	4	21.6	4	41.6	4	67.5	4	94.8		
6	8.9	6	5.4	6	22.0	6	42.0	6	68.1	6	95.3		
8	8.6	8	5.7	8	22.3	8	42.5	8	68.7	8	95.8		
47	8.3	57	6.0	67	22.7	77	42.9	87	69.3	97	96.4		
2	8.0	2	6.3	2	23.0	2	43.4	2	69.8	2	96.9		
4	7.7	4	6.6	4	23.4	4	43.9	4	70.4	4	97.4		
6	7.4	6	6.9	6	23.7	6	44.3	6	71.0	6	97.9		
8	7.2	8	7.2	8	24.1	8	44.8	8	71.6	8	98.5		
48	6.9	58	7.5	68	24.4	78	45.3	88	72.2	98	99.0		
2	6.6	2	7.8	2	24.8	2	45.7	2	72.8	2	99.5		
4	6.3	4	8.1	4	25.2	4	46.2	4	73.3	4	100.0		
6	6.0	6	8.4	6	25.5	6	46.7	6	73.9	6			
8	5.7	8	8.7	8	25.9	8	47.2	8	74.4	8			
49	5.5	59	9.0	69	26.3	79	47.6	89	75.0	99			
2	5.2	2	9.3	2	26.6	2	48.1	2	75.5	2			
4	4.9	4	9.7	4	27.0	4	48.6	4	76.1	4			
6	4.6	6	10.0	6	27.4	6	49.1	6	76.7	6			
8	4.3	8	10.3	8	27.7	8	49.6	8	77.2	8			
50	4.0	60	10.6	70	29.1	80	50.1	90	77.8	100			

Temperature 87° F.

A

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GLASS HYDROMETER.

Temperature 87° F.

Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent under Proof	Divs on Stem	Per cent under Proof	Divs on Stem	Per cent under Proof	Divs on Stem	Per cent under Proof	Divs on Stem	Per cent under Proof
40	17 6	50	3 6	60	11 0	70	28 6	80	50 6	90	78 0		
2	17 3	2	3 4	2	11 3	2	28 9	2	51 1	2	78 5		
4	17 0	4	3 1	4	11 6	4	29 2	4	51 6	4	79 0		
6	16 7	6	2 8	6	12 0	6	29 6	6	52 0	6	79 5		
8	16 5	8	2 6	8	12 3	8	30 0	8	52 6	8	80 1		
41	16 2	51	2 3	61	12 6	71	30 4	81	53 0	91	80 6		
2	16 0	2	2 0	2	12 9	2	30 8	2	53 6	2	81 2		
4	15 7	4	1 7	4	13 3	4	31 2	4	54 1	4	81 7		
6	15 4	6	1 4	6	13 6	6	31 6	6	54 6	6	82 3		
8	15 1	8	1 1	8	14 0	8	32 0	8	55 1	8	82 8		
42	14 9	52	0 8	62	14 3	72	32 4	82	55 7	92	83 3		
2	14 6	2	0 6	2	14 7	2	32 8	2	56 2	2	83 9		
4	14 3	4	0 3	4	15 0	4	33 2	4	56 8	4	84 4		
6	14 0	6		6	15 4	6	33 6	6	57 3	6	85 0		
8	13 8	8	0 3	8	15 7	8	34 0	8	57 9	8	85 5		
43	13 5	53	0 6	63	16 1	73	34 5	83	58 4	93	86 0		
2	13 2	2	0 8	2	16 4	2	34 9	2	59 0	2	86 6		
4	13 0	4	1 1	4	16 8	4	35 4	4	59 4	4	87 1		
6	12 7	6	1 4	6	17 1	6	35 8	6	60 0	6	87 8		
8	12 4	8	1 7	8	17 4	8	36 3	8	60 5	8	88 2		
44	12 1	54	2 0	64	17 8	74	36 7	84	61 0	94	88 7		
2	11 8	2	2 3	2	18 1	2	37 1	2	61 6	2	89 2		
4	11 6	4	2 6	4	18 5	4	37 6	4	62 2	4	89 8		
6	11 3	6	2 9	6	18 8	6	38 0	6	62 8	6	90 3		
8	11 0	8	3 2	8	19 1	8	38 4	8	63 3	8	90 8		
45	10 7	55	3 5	65	19 5	75	38 8	85	63 8	95	91 4		
2	10 4	2	3 8	2	19 9	2	39 3	2	64 4	2	91 9		
4	10 1	4	4 0	4	20 3	4	39 7	4	64 9	4	92 4		
6	9 8	6	4 3	6	20 6	6	40 1	6	65 5	6	92 9		
8	9 6	8	4 6	8	21 0	8	40 6	8	66 1	8	93 4		
46	9 3	56	4 9	66	21 3	76	41 1	86	66 7	96	94 0		
2	9 0	2	5 2	2	21 7	2	41 5	2	67 2	2	94 5		
4	8 7	4	5 5	4	22 0	4	42 0	4	67 8	4	95 0		
6	8 5	6	5 8	6	22 1	6	42 4	6	68 4	6	95 5		
8	8 2	8	6 1	8	22 7	8	42 9	8	69 0	8	96 0		
47	7 9	57	6 4	67	23 1	77	43 3	87	69 6	97	96 6		
2	7 6	2	6 7	2	23 4	2	43 8	2	70 2	2	97 1		
4	7 3	4	7 0	4	23 8	4	44 3	4	70 8	4	97 6		
6	7 0	6	7 3	6	24 1	6	44 7	6	71 4	6	98 1		
8	6 8	8	7 6	8	24 5	8	45 2	8	72 0	8	98 7		
48	6 5	58	7 9	68	24 8	78	45 7	88	72 6	98	99 2		
2	6 2	2	8 2	2	25 2	2	46 2	2	73 1	2	99 7		
4	5 9	4	8 5	4	25 6	4	46 6	4	73 7	4			
6	5 6	6	8 8	6	25 9	6	47 1	6	74 2	6			
8	5 3	8	9 1	8	26 3	8	47 6	8	74 7	8			
49	5 1	59	9 4	69	26 6	79	48 0	89	75 3	99			
2	4 8	2	9 7	2	27 0	2	48 6	2	75 8	2			
4	4 5	4	10 1	4	27 3	4	49 1	4	76 4	4			
6	4 2	6	10 4	6	27 7	6	49 6	6	77 0	6			
8	3 9	8	10 7	8	28 1	8	50 1	8	77 5	8			
50	3 6	60	11 0	70	28 5	80	50 6	90	78 0	100			

GLASS HYDROMETER

A

Temperature 88° F.

Dips on Stem A	Per cent over Proof	Dips on Stem A	Per cent over Proof	Dips on Stem	Per cent over Proof	Dips on Stem	Per cent over Proof	Dips on Stem	Per cent over Proof	Dips on Stem	Per cent over Proof	Dips on Stem	Per cent over Proof
0	74 6	10	68 1	0	60 4	10	51 4	20	40 7	30	29 5		
2	74 5	2	67 9	2	60 3	2	51 2	2	40 6	2	29 2		
4	74 3	4	67 8	4	60 1	4	51 0	4	40 4	4	29 0		
6	74 2	6	67 7	6	59 9	6	50 8	6	40 1	6	28 7		
8	74 0	8	67 5	8	59 7	8	50 6	8	39 9	8	28 5		
1	73 9	11	67 4	1	59 6	11	50 4	21	39 7	31	28 3		
2	73 8	2	67 3	2	59 4	2	50 2	2	39 4	2	28 0		
4	73 6	4	67 1	4	59 2	4	50 0	4	39 2	4	27 8		
6	73 5	6	67 0	6	59 0	6	49 8	6	39 0	6	27 5		
8	73 4	8	66 9	8	58 8	8	49 6	8	38 8	8	27 3		
2	73 2	12	66 7	2	58 7	12	49 4	22	38 5	32	27 1		
2	73 1	2	66 0	2	58 5	2	49 2	2	38 3	2	26 0		
4	73 0	4	66 5	4	58 3	4	49 0	4	38 1	4	26 7		
6	72 9	6	66 3	6	58 2	6	48 8	6	37 9	6	26 5		
8	72 7	8	66 2	8	58 0	8	48 6	8	37 6	8	26 2		
3	72 6	13	66 1	3	57 8	13	48 4	23	37 4	33	26 0		
2	72 5	2	65 9	2	57 6	2	48 2	2	37 1	2	25 7		
4	72 4	4	65 8	4	57 4	4	48 0	4	36 9	4	25 5		
0	72 2	6	65 6	6	57 3	6	47 8	6	36 7	6	25 3		
8	72 1	8	65 5	8	57 1	8	47 6	8	36 5	8	25 0		
4	72 0	14	65 3	4	56 0	14	47 4	24	36 3	34	24 8		
2	71 8	2	65 2	2	56 7	2	47 2	2	36 1	2	24 5		
4	71 7	4	65 0	4	56 5	4	47 0	4	35 8	4	24 3		
6	71 6	6	64 9	6	56 3	6	46 8	6	35 6	6	24 0		
8	71 4	8	64 7	8	56 1	8	46 6	8	35 4	9	23 8		
5	71 3	15	64 6	5	56 0	15	46 4	25	35 2	35	23 5		
2	71 2	2	64 4	2	55 8	2	46 2	2	34 0	2	23 3		
4	71 1	4	64 2	4	55 7	4	46 0	4	34 7	4	23 0		
6	70 9	6	64 0	6	55 5	6	45 8	6	34 5	6	22 8		
8	70 8	8	63 9	8	55 3	8	45 5	8	34 3	8	22 5		
6	70 6	16	63 7	6	55 1	16	45 3	26	34 1	36	22 3		
2	70 5	2	63 5	2	54 9	2	45 1	2	33 9	2	22 0		
4	70 4	4	63 4	4	54 7	4	44 9	4	33 6	4	21 8		
6	70 3	6	63 2	6	54 6	6	44 7	6	33 4	6	21 5		
8	70 1	8	63 1	8	54 4	8	44 5	8	33 2	8	21 3		
7	70 0	17	62 9	7	54 2	17	44 3	27	33 0	37	21 0		
2	69 9	2	62 7	2	54 1	2	44 1	2	32 8	2	20 8		
4	69 7	4	62 6	4	53 9	4	43 9	4	32 5	4	20 5		
6	69 6	6	62 4	6	53 7	6	43 7	6	32 3	6	20 3		
8	69 5	8	62 2	8	53 5	8	43 4	8	32 1	8	20 0		
8	69 3	18	62 1	8	53 3	18	43 1	28	31 8	38	19 8		
2	69 2	2	61 9	2	53 1	2	42 9	2	31 5	2	19 5		
4	69 1	4	61 7	4	52 9	4	42 7	4	31 3	4	19 3		
6	68 9	6	61 6	6	52 7	6	42 4	6	31 1	6	19 0		
8	68 8	8	61 4	8	52 5	8	42 2	8	30 9	8	18 8		
9	68 7	19	61 2	9	52 4	19	41 9	29	30 6	39	18 5		
2	68 6	2	61 1	2	52 2	2	41 7	2	30 4	2	18 3		
4	68 4	4	60 9	4	52 0	4	41 4	4	30 2	4	18 0		
6	68 3	6	60 7	6	51 6	6	41 2	6	30 0	6	17 7		
8	68 2	8	60 6	8	51 6	8	40 9	8	29 7	8	17 5		
10	68 1	20	60 4	10	51 4	20	40 7	30	29 5	40	17 2		

Temperature 88° F.

101

GLASS HYDROMETER.

A

Temperature 89° F.

Dive on Stem A	Per cent over Proof	Dive on Stem A	Per cent over Proof	Dive on Stem	Per cent over Proof	Dive on Stem	Per cent over Proof	Dive on Stem	Per cent over Proof	Dive on Stem	Per cent over Proof	Dive on Stem	Per cent over Proof
C	74 4	10	67 9	0	60 2	10	51 -1	20	40 5	30	29 1		
2	74 3	2	67 7	2	60 0	12	50 9	12	40 3	12	28 9		
4	74 1	4	67 6	4	59 8	4	50 7	4	40 0	4	28 7		
6	74 0	6	67 5	6	59 7	6	50 5	6	39 8	6	28 4		
8	73 8	8	67 3	8	59 5	8	50 3	8	39 5	8	28 2		
I	73 7	11	67 2	1	59 3	11	50 1	11	39 3	11	27 9		
2	73 6	12	67 1	2	59 1	12	49 9	12	39 1	12	27 7		
4	73 4	4	66 9	4	58 9	4	49 7	4	38 9	4	27 5		
6	73 3	6	66 8	6	58 8	6	49 5	6	38 7	6	27 2		
8	73 2	8	66 7	8	58 6	8	49 3	8	38 5	8	27 0		
2	73 0	12	66 5	12	58 5	12	49 1	12	38 2	12	26 7		
4	72 9	2	66 4	2	58 3	2	48 9	2	38 0	2	26 5		
6	72 8	4	66 3	4	58 1	4	48 7	4	37 7	4	26 3		
8	72 7	6	66 1	6	57 9	6	48 5	6	37 5	6	26 0		
3	72 5	8	66 0	8	57 7	8	48 3	8	37 3	8	25 8		
2	72 4	13	65 8	3	57 5	13	48 1	13	37 1	13	25 6		
4	72 3	2	65 7	2	57 4	14	47 9	14	36 8	14	25 3		
6	72 2	4	65 5	4	57 2	4	47 7	4	36 6	4	25 1		
8	72 0	6	65 4	6	57 0	6	47 5	6	36 4	6	24 9		
4	71 9	8	65 2	8	56 8	8	47 3	8	36 2	8	24 6		
2	71 8	14	65 1	4	56 7	14	47 1	14	35 9	14	24 4		
4	71 6	2	64 9	2	56 5	2	46 9	2	35 7	2	24 1		
6	71 5	4	64 8	4	56 3	4	46 7	4	35 5	4	23 9		
8	71 4	6	64 6	6	56 1	6	46 5	6	35 3	6	23 6		
5	71 2	8	64 5	8	55 9	8	46 3	8	35 1	8	23 4		
2	71 1	15	64 3	5	55 7	15	46 1	15	34 9	15	23 1		
4	71 0	2	64 2	2	55 5	2	45 9	2	34 7	2	22 9		
6	70 9	4	64 0	4	55 4	4	45 7	4	34 5	4	22 6		
8	70 7	6	63 8	6	55 2	6	45 5	6	34 2	6	22 4		
6	70 6	8	63 7	8	55 0	8	45 2	8	34 0	8	22 1		
2	70 5	10	63 5	6	54 9	10	45 0	10	33 7	10	21 9		
4	70 3	2	63 3	2	54 7	2	44 8	2	33 5	2	21 6		
6	70 2	4	63 2	4	54 5	4	44 6	4	33 3	4	21 4		
8	70 1	6	63 0	6	54 3	6	44 4	6	33 1	6	21 1		
7	69 9	8	62 8	8	54 1	8	44 2	8	32 9	8	20 9		
2	69 8	17	62 7	7	53 9	17	44 0	17	32 7	17	20 6		
4	69 7	2	62 5	2	53 8	2	43 8	2	32 5	2	20 4		
6	69 5	4	62 3	4	53 6	4	43 5	4	32 2	4	20 1		
8	69 4	6	62 2	6	53 4	6	43 3	6	31 9	6	19 9		
8	69 3	8	62 0	8	53 2	8	43 0	8	31 7	8	19 6		
2	69 1	18	61 8	8	53 1	18	42 7	18	31 5	18	19 4		
4	69 0	2	61 7	2	52 9	2	42 5	2	31 2	2	19 1		
6	68 9	4	61 5	4	52 7	4	42 3	4	31 0	4	18 9		
8	68 7	6	61 3	6	52 5	6	42 1	6	30 8	6	18 6		
8	68 6	8	61 2	8	52 3	8	41 9	8	30 5	8	18 4		
9	68 5	19	61 0	9	52 1	19	41 6	19	30 3	19	18 1		
2	68 4	2	60 8	2	51 9	2	41 3	2	30 1	2	17 9		
4	68 2	4	60 7	4	51 7	4	41 1	4	29 9	4	17 6		
6	68 1	6	60 5	6	51 5	6	40 9	6	29 6	6	17 4		
9	68 0	8	60 4	8	51 3	8	40 7	8	29 3	8	17 1		
10	67 9	20	60 2	10	51 1	20	40 5	20	29 1	20	16 9		

GLASS HYDROMETER.

Temperature 89° F.

Dive on Stem	Per cent over Proof	Dive on Stem	Per cent over Proof	Dive on Stem	Per cent under Proof	Dive on Stem	Per cent under Proof	Dive on Stem	Per cent under Proof	Dive on Stem	Per cent under Proof	Dive on Stem	Per cent under Proof	Dive on Stem	Per cent under Proof
40	16 9	50	12 9	60	11 2	70	10 3	80	9 5	90	8 4				
4 12	16 6				12 1		12 3		9 2		7 8				
4 6	16 4		4 12		12 4		12 4		5 1		7 9				
8 2	16 1		8 2		12 7		30 4		5 2		80 0				
	15 8				13 1		30 9		5 3		80 5				
41	15 5	51	1 9	61	13 4	71	31 12	81	53 4	91	81 0				
4 12	15 3		12 12		13 7		31 6		54 4		81 6				
4 6	15 0		4 12		14 1		32 0		54 9		82 1				
8 2	14 7		8 2		14 4		32 4		55 0		82 7				
	14 5				14 8		32 8		55 5		83 2				
42	14 2	52	0 1	62	15 1	72	33 12	82	56 5	92	83 7				
4 12	13 0		4 12		15 5		33 6		57 0		84 3				
4 6	13 6		4 6		16 1		34 1		57 5		84 8				
8 2	13 3		8 2		16 5		34 5		58 1		85 4				
	13 1				16 9		34 9		58 6		85 9				
43	12 8	53	1 3	63	17 2	73	35 4	83	59 2	93	86 4				
4 12	12 5		12 12		17 5		35 8		59 7		87 0				
4 6	12 2		4 6		17 8		36 2		60 3		87 5				
8 2	11 9		8 2		18 2		36 7		60 8		88 1				
	11 6				18 5		37 1		61 4		88 6				
44	11 3	54	2 7	64	18 9	74	37 5	84	61 9	94	89 2				
4 12	11 1		2 12		19 3		38 0		62 5		89 7				
4 6	10 8		4 6		19 6		38 4		63 0		90 3				
8 2	10 5		8 2		19 9		38 8		63 6		90 8				
	10 2				20 4		39 2		64 1		91 3				
45	0 0	55	4 2	65	20 7	75	39 7	85	64 6	95	91 8				
4 12	0 7		4 12		21 1		40 1		65 2		92 3				
4 6	0 4		4 6		21 4		40 6		65 8		92 8				
8 2	0 1		8 2		21 8		41 0		66 4		93 4				
	8 8				22 1		41 5		66 9		93 9				
46	8 5	56	5 7	66	22 5	76	41 9	86	67 5	96	94 4				
4 12	8 2		12 12		22 9		42 4		68 1		94 9				
4 6	8 0		4 6		23 3		42 8		68 7		95 4				
8 2	7 7		8 2		23 7		43 3		69 2		95 9				
	7 4				24 1		43 7		69 8		96 4				
47	7 1	57	7 2	67	24 5	77	44 2	87	70 4	97	96 9				
4 12	6 8		12 12		24 9		44 6		70 9		97 4				
4 6	6 5		4 6		25 3		45 1		71 5		97 9				
8 2	6 3		8 2		25 7		45 6		72 0		98 4				
	6 0				26 1		46 1		72 6		98 9				
48	5 7	58	8 7	68	26 5	78	46 6	88	73 2	98	99 4				
4 12	5 4		12 12		26 9		47 0		73 7		99 9				
4 6	5 1		4 6		27 3		47 6		74 2						
8 2	4 9		8 2		27 7		48 0		74 8						
	4 6				28 1		48 5		75 3						
49	4 3	59	10 2	69	28 5	79	49 0	89	75 8	99					
4 12	4 0		12 12		28 9		49 5		76 4						
4 6	3 7		4 6		29 3		50 0		76 9						
8 2	3 5		8 2				50 5		77 4						
	3 2						51 0		78 0						
50	2 9	60	11 7	70		80	51 5	90	78 4	100					

GLASS HYDROMETER.

A

Temperature 90° F.

Divs on Stem A	Per cent over Proof	Divs on Stem A	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof
0	74 2	10	67 7	0	59 9	10	50 8	20	40 1	30	28 8		
12	74 1	2	67 5	12	59 7	12	50 6	12	39 9	22	28 5		
4	73 9	4	67 4	4	59 5	4	50 4	4	39 7	4	28 3		
6	73 8	6	67 3	6	59 4	6	50 3	6	39 5	6	28 1		
8	73 6	8	67 1	8	59 2	8	50 0	8	39 3	8	27 9		
1	73 5	11	67 0	1	59 1	11	49 8	21	39 1	31	27 6		
2	73 4	12	66 9	2	58 9	12	49 6	22	38 8	2	27 3		
3	73 2	4	66 7	4	58 7	4	49 4	4	38 6	4	27 1		
4	73 1	6	66 6	6	58 5	6	49 2	6	38 3	6	26 9		
8	73 0	8	66 5	8	58 3	8	49 0	8	38 1	8	26 7		
2	72 8	12	66 3	12	58 1	12	48 8	22	37 9	32	26 4		
12	72 7	2	66 1	2	58 0	2	48 6	22	37 7	2	26 2		
4	72 6	4	66 0	4	57 8	4	48 4	4	37 4	4	25 9		
6	72 5	6	65 8	6	57 7	6	48 2	6	37 1	6	25 7		
8	72 3	8	65 7	8	57 5	8	48 0	8	36 9	8	25 4		
3	72 2	13	65 5	3	57 3	13	47 8	23	36 7	33	25 2		
2	72 0	2	65 4	2	57 1	2	47 6	2	36 5	2	24 9		
4	71 8	4	65 2	4	56 9	4	47 4	4	36 3	4	24 7		
8	71 7	6	65 1	6	56 7	6	47 2	6	36 1	6	24 4		
1	71 6	8	64 9	8	56 5	8	47 0	8	35 9	8	24 2		
4	71 4	11	64 8	4	56 3	14	46 8	24	35 7	34	23 9		
4	71 3	2	64 6	2	56 2	2	46 6	2	35 5	2	23 7		
6	71 2	4	64 5	4	56 0	4	46 4	4	35 2	4	23 4		
8	71 0	6	64 3	6	55 8	6	46 2	6	35 0	6	23 1		
5	70 9	8	64 2	8	55 6	8	46 0	8	34 8	8	22 9		
2	70 8	15	64 0	5	55 5	15	45 8	25	34 6	35	22 6		
4	70 7	2	63 9	2	55 3	2	45 6	2	34 3	2	22 3		
6	70 5	4	63 7	4	55 1	4	45 3	4	34 1	4	22 1		
8	70 4	6	63 5	6	54 9	6	45 1	6	33 9	6	21 8		
6	70 3	8	63 4	8	54 7	8	44 9	8	33 7	8	21 6		
2	70 1	15	63 2	6	54 6	16	44 7	26	33 4	38	21 3		
4	70 0	2	63 0	2	54 4	2	44 6	2	33 2	2	21 1		
6	69 9	4	62 9	4	54 2	4	44 3	4	33 0	4	20 9		
8	69 7	6	62 7	6	54 1	6	44 1	6	32 8	6	20 6		
7	69 6	8	62 5	8	53 9	8	43 9	8	32 5	8	20 4		
12	69 5	17	62 4	7	53 7	17	43 7	27	32 3	37	20 1		
4	69 3	2	62 2	2	53 5	2	43 6	2	32 1	2	19 9		
6	69 2	4	62 0	4	53 3	4	43 2	4	31 9	4	19 7		
8	69 1	6	61 9	6	53 1	6	42 9	6	31 6	6	19 4		
8	68 9	8	61 7	8	52 9	8	42 7	8	31 3	8	19 2		
12	68 8	15	61 5	8	52 7	18	42 5	28	31 1	38	18 9		
4	68 7	2	61 4	2	52 6	2	42 2	2	30 9	2	18 7		
6	68 6	4	61 2	4	52 4	4	42 0	4	30 7	4	18 5		
8	68 4	6	61 0	6	52 2	6	41 7	6	30 5	6	18 2		
9	68 3	8	60 9	8	52 0	8	41 5	8	30 3	8	18 0		
2	68 2	19	60 7	9	51 8	19	41 3	29	30 1	39	17 7		
4	68 0	2	60 5	2	51 6	2	41 0	2	29 8	2	17 5		
6	67 9	4	60 4	4	51 4	4	40 8	4	29 5	4	17 2		
8	67 8	6	60 2	6	51 2	6	40 6	6	29 3	6	17 0		
10	67 7	8	60 0	8	51 0	8	40 3	8	29 0	8	16 7		
		20	59 9	10	50 8	20	40 1	30	28 8	40	16 5		

GLASS HYDROMETER.

Temperature 90°-F.

Days on Stem	Per cent. over Proof	Days on Stem	Per cent. over Proof	Days on Stem	Per cent. under Proof	Days on Stem	Per cent. under Proof	Days on Stem	Per cent. under Proof	Days on Stem	Per cent. under Proof	Days on Stem	Per cent. under Proof
40	16 5	50	12 6	60	13 1	70	29 6	80	51 9	90	78 7		
4 2	18 2	4 2	12 3	4 2	12 5	4 2	30 0	4 2	52 4	4 2	79 13		
4 4	15 9	4 4	12 0	4 4	12 8	4 4	30 4	4 4	52 8	4 4	79 8		
6 0	15 6	6 0	1 8	6 0	13 1	6 0	30 8	6 0	53 3	6 0	80 3		
8 8	15 4	8 8	1 5	8 8	13 6	8 8	31 2	8 8	53 8	8 8	80 8		
41	15 1	51	1 2	61	13 8	71	31 6	81	54 3	91	81 3		
2 2	14 0	2 2	0 0	2 2	14 1	2 2	32 0	2 2	54 8	2 2	81 9		
4 4	14 0	4 4	0 0	4 4	14 5	4 4	32 4	4 4	55 3	4 4	82 4		
6 6	14 3	6 6	0 3	6 6	14 8	6 6	32 8	6 6	55 8	6 6	82 9		
8 8	14 1	8 8		8 8	15 2	8 8	33 2	8 8	56 3	8 8	83 5		
42	13 8	52	0 3	62	15 5	72	33 7	82	56 9	92	84 0		
2 2	13 5	2 2	0 5	2 2	15 9	2 2	34 1	2 2	57 4	2 2	84 6		
4 4	13 2	4 4	0 8	4 4	16 2	4 4	34 6	4 4	57 9	4 4	85 1		
6 6	12 9	6 6	1 1	6 6	16 6	6 6	35 0	6 6	58 5	6 6	85 6		
8 8	12 7	8 8	1 4	8 8	16 9	8 8	35 4	8 8	59 0	8 8	86 2		
43	12 4	53	1 7	63	17 3	73	35 8	83	59 6	93	86 7		
2 2	12 1	2 2	1 9	2 2	17 6	2 2	36 2	2 2	60 1	2 2	87 3		
4 4	11 8	4 4	2 2	4 4	18 0	4 4	36 6	4 4	60 7	4 4	87 8		
6 6	11 5	6 6	2 5	6 6	18 3	6 6	37 1	6 6	61 2	6 6	88 4		
8 8	11 2	8 8	2 8	8 8	18 6	8 8	37 5	8 8	61 8	8 8	88 9		
44	10 9	54	3 1	64	19 0	74	38 0	84	62 3	94	89 5		
2 2	10 7	2 2	3 4	2 2	19 3	2 2	38 4	2 2	62 9	2 2	90 0		
4 4	10 4	4 4	3 7	4 4	19 7	4 4	38 9	4 4	63 4	4 4	90 6		
6 6	10 1	6 6	4 0	6 6	20 1	6 6	39 3	6 6	64 0	6 6	91 1		
8 8	9 8	8 8	4 3	8 8	20 4	8 8	39 7	8 8	64 5	8 8	91 6		
45	9 5	55	4 6	65	20 6	75	40 2	85	65 0	95	92 1		
2 2	9 3	2 2	4 9	2 2	21 1	2 2	40 6	2 2	65 6	2 2	92 6		
4 4	9 0	4 4	5 2	4 4	21 5	4 4	41 1	4 4	66 2	4 4	93 1		
6 6	8 7	6 6	5 5	6 6	21 8	6 6	41 6	6 6	66 8	6 6	93 7		
8 8	8 4	8 8	5 8	8 8	22 2	8 8	42 0	8 8	67 3	8 8	94 2		
46	8 1	56	6 1	66	22 5	76	42 4	86	67 9	96	94 7		
2 2	7 8	2 2	6 4	2 2	22 9	2 2	42 9	2 2	68 3	2 2	95 2		
4 4	7 6	4 4	6 7	4 4	23 2	4 4	43 3	4 4	69 1	4 4	95 7		
6 6	7 3	6 6	7 0	6 6	23 6	6 6	43 8	6 6	69 6	6 6	96 3		
8 8	7 0	8 8	7 3	8 8	23 9	8 8	44 1	8 8	70 2	8 8	96 8		
47	6 7	57	7 6	67	24 3	77	44 6	87	70 7	97	97 3		
2 2	6 4	2 2	7 0	2 2	24 6	2 2	45 1	2 2	71 3	2 2	97 8		
4 4	6 1	4 4	8 2	4 4	25 0	4 4	45 6	4 4	71 8	4 4	98 3		
6 6	5 9	6 6	8 5	6 6	25 3	6 6	46 0	6 6	72 4	6 6	98 8		
8 8	5 6	8 8	8 8	8 8	25 7	8 8	46 5	8 8	72 9	8 8	99 3		
48	5 3	58	9 1	68	26 0	78	47 0	88	73 5	98	99 8		
2 2	5 0	2 2	9 4	2 2	26 4	2 2	47 5	2 2	74 0	2 2			
4 4	4 7	4 4	9 7	4 4	26 7	4 4	48 0	4 4	74 5	4 4			
6 6	4 5	6 6	10 0	6 6	27 0	6 6	48 5	6 6	75 1	6 6			
8 8	4 3	8 8	10 3	8 8	27 4	8 8	49 0	8 8	75 6	8 8			
49	4 0	59	10 6	69	27 7	79	49 5	89	76 1	99			
2 2	3 7	2 2	10 9	2 2	28 1	2 2	50 0	2 2	76 7	2 2			
4 4	3 4	4 4	11 2	4 4	28 4	4 4	50 5	4 4	77 2	4 4			
6 6	3 2	6 6	11 5	6 6	28 8	6 6	50 9	6 6	77 7	6 6			
8 8	2 9	8 8	11 8	8 8	29 2	8 8	51 4	8 8	78 3	8 8			
50	2 6	60	12 1	70	29 6	80	51 9	90	78 7	100			

GLASS HYDROMETER.

A

Temperature 91° F.

Days on Stem A	Per cent over Proof	Days on Stem A	Per cent over Proof	Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof
0	74 0	10	67 5	0	59 7	10	50 5	20	39 8	30	28 5
12	73 9	12	67 3	12	59 5	12	50 3	12	39 6	12	28 3
24	73 7	24	67 1	24	59 3	24	50 1	24	39 4	24	28 0
36	73 6	36	66 9	36	59 1	36	49 9	36	39 2	36	27 7
48	73 4	48	66 7	48	58 9	48	49 7	48	39 0	48	27 5
1	73 3	1	66 5	1	58 8	1	49 5	1	38 7	1	27 3
13	73 2	13	66 3	13	58 7	13	49 3	13	38 5	13	27 0
25	73 0	25	66 1	25	58 5	25	49 1	25	38 3	25	26 8
37	72 9	37	65 9	37	58 3	37	48 9	37	38 0	37	26 5
49	72 8	49	65 7	49	58 1	49	48 7	49	37 8	49	26 3
61	72 6	61	65 5	61	57 9	61	48 5	61	37 6	61	26 1
73	72 5	73	65 3	73	57 7	73	48 3	73	37 3	73	25 9
85	72 4	85	65 1	85	57 5	85	48 1	85	37 1	85	25 6
97	72 3	97	64 9	97	57 4	97	47 9	97	36 9	97	25 3
109	72 1	109	64 7	109	57 2	109	47 7	109	36 7	109	25 1
121	72 0	121	64 5	121	57 1	121	47 5	121	36 5	121	24 9
133	71 9	133	64 3	133	56 9	133	47 3	133	36 2	133	24 6
145	71 8	145	64 1	145	56 7	145	47 1	145	36 0	145	24 3
157	71 6	157	63 9	157	56 5	157	46 9	157	35 8	157	24 1
169	71 5	169	63 7	169	56 3	169	46 7	169	35 5	169	23 9
181	71 4	181	63 5	181	56 1	181	46 5	181	35 3	181	23 6
193	71 3	193	63 3	193	55 9	193	46 3	193	35 1	193	23 3
205	71 1	205	63 1	205	55 7	205	46 1	205	34 9	205	23 1
217	71 0	217	62 9	217	55 5	217	45 9	217	34 7	217	22 8
229	70 8	229	62 7	229	55 3	229	45 7	229	34 5	229	22 5
241	70 7	241	62 5	241	55 1	241	45 5	241	34 3	241	22 2
253	70 6	253	62 3	253	54 9	253	45 3	253	34 0	253	21 9
265	70 5	265	62 1	265	54 7	265	45 1	265	33 8	265	21 7
277	70 3	277	61 9	277	54 5	277	44 9	277	33 6	277	21 5
289	70 2	289	61 7	289	54 3	289	44 6	289	33 4	289	21 3
301	70 1	301	61 5	301	54 1	301	44 4	301	33 1	301	21 0
313	69 9	313	61 3	313	53 9	313	44 2	313	32 9	313	20 7
325	69 8	325	61 1	325	53 7	325	44 0	325	32 7	325	20 5
337	69 7	337	60 9	337	53 5	337	43 8	337	32 5	337	20 3
349	69 5	349	60 7	349	53 3	349	43 6	349	32 2	349	20 1
361	69 4	361	60 5	361	53 1	361	43 4	361	32 0	361	19 8
373	69 3	373	60 3	373	52 9	373	43 2	373	31 8	373	19 5
385	69 1	385	60 1	385	52 7	385	43 0	385	31 5	385	19 3
397	69 0	397	59 9	397	52 5	397	42 8	397	31 3	397	19 1
409	68 9	409	59 7	409	52 3	409	42 6	409	31 1	409	18 9
421	68 7	421	59 5	421	52 1	421	42 4	421	30 9	421	18 6
433	68 6	433	59 3	433	51 9	433	42 2	433	30 6	433	18 3
445	68 5	445	59 1	445	51 7	445	42 0	445	30 4	445	18 1
457	68 3	457	58 9	457	51 5	457	41 8	457	30 1	457	17 8
469	68 2	469	58 7	469	51 3	469	41 6	469	29 9	469	17 6
481	68 1	481	58 5	481	51 1	481	41 4	481	29 7	481	17 3
493	68 0	493	58 3	493	50 9	493	41 2	493	29 4	493	17 1
505	67 8	505	58 1	505	50 7	505	41 0	505	29 1	505	16 9
517	67 7	517	57 9	517	50 5	517	40 8	517	28 9	517	16 6
529	67 6	529	57 7	529	50 3	529	40 6	529	28 7	529	16 4
541	67 5	541	57 5	541	50 1	541	40 4	541	28 5	541	16 1

GLASS HYDROMETER.

Temperature 91° F.

Dips on Stem	Per cent. over Proof	Dips on Stem	Per cent. over Proof	Dips on Stem	Per cent. under Proof	Dips on Stem	Per cent. under Proof	Dips on Stem	Per cent. under Proof	Dips on Stem	Per cent. under Proof	Dips on Stem	Per cent. under Proof
40	16 1	50	12 3	60	12 6	70	30 0	80	52 12	90	78 0		
12	15 9	2	12 0	12	12 8	12	30 4	12	52 3	12	79 4		
4	15 7	4	11 8	4	13 1	4	30 8	4	53 1	4	80 0		
6	15 4	6	11 5	6	13 5	6	31 2	6	53 6	6	80 5		
8	15 2	8	11 3	8	13 8	8	31 6	8	54 1	8	81 0		
41	14 9	51	0 0	61	14 2	71	32 0	81	54 6	91	81 5		
12	14 6	12	0 6	12	14 5	12	32 4	12	55 1	12	82 1		
4	14 3	4	0 3	4	14 9	4	32 8	4	55 6	4	82 6		
6	14 0	6		6	15 2	6	33 2	6	56 1	6	83 1		
8	13 8	8	6 3	8	15 6	8	33 6	8	56 6	8	83 7		
42	13 5	52	6 5	62	15 0	72	34 1	82	57 2	92	84 2		
12	13 2	12	6 8	12	16 3	12	34 5	12	57 7	12	84 8		
4	12 9	4	1 1	4	16 6	4	35 0	4	58 2	4	85 3		
6	12 6	6	1 4	6	17 0	6	35 4	6	58 8	6	85 8		
8	12 3	8	1 7	8	17 3	8	35 8	8	59 3	8	86 4		
43	12 1	53	1 9	13	17 7	73	36 2	83	59 9	93	86 9		
12	11 8	12	2 2	13	18 0	12	36 6	12	60 4	12	87 5		
4	11 5	4	2 5	4	18 4	4	37 0	4	61 0	4	88 0		
6	11 2	6	2 9	6	18 7	6	37 5	6	61 5	6	88 6		
8	10 9	8	3 2	8	19 0	8	38 0	8	62 1	8	89 1		
44	10 6	54	3 5	64	19 4	74	38 4	84	62 6	94	89 7		
12	10 4	12	3 8	12	19 8	12	38 8	12	63 2	12	90 2		
4	10 1	4	4 1	4	20 1	4	39 3	4	63 7	4	90 8		
6	9 8	6	4 4	6	20 5	6	39 7	6	64 3	6	91 3		
8	9 5	8	4 6	8	20 8	8	40 1	8	64 8	8	91 8		
45	9 2	55	4 9	65	21 2	75	40 5	85	65 4	95	92 3		
12	9 0	12	5 2	12	21 5	12	41 0	12	66 0	12	92 8		
4	8 7	4	5 5	4	21 9	4	41 4	4	66 6	4	93 3		
6	8 4	6	5 8	6	22 2	6	41 9	6	67 1	6	93 9		
8	8 1	8	6 1	8	22 5	8	42 3	8	67 7	8	94 4		
46	7 8	56	6 4	66	22 9	76	42 8	86	68 2	96	94 9		
12	7 5	12	6 7	12	23 2	12	43 2	12	68 8	12	95 4		
4	7 3	4	7 0	4	23 6	4	43 6	4	69 4	4	95 9		
6	7 0	6	7 3	6	23 9	6	44 1	6	69 9	6	96 5		
8	6 7	8	7 6	8	24 2	8	44 6	8	70 5	8	97 0		
47	6 4	57	7 9	67	24 6	77	45 0	87	71 0	97	97 5		
12	6 1	12	8 2	12	24 9	12	45 5	12	71 6	12	98 0		
4	5 8	4	8 5	4	25 3	4	46 0	4	72 1	4	98 5		
6	5 5	6	8 8	6	25 6	6	46 5	6	72 7	6	99 0		
8	5 3	8	9 1	8	26 0	8	47 0	8	73 2	8	99 5		
48	5 0	58	9 4	68	26 3	78	47 5	88	73 8	98	100 0		
12	4 7	12	9 6	12	26 7	12	48 0	12	74 3	12			
4	4 4	4	10 0	4	27 0	4	48 4	4	74 8	4			
6	4 2	6	10 3	6	27 4	6	48 9	6	75 3	6			
8	3 9	8	10 6	8	27 7	8	49 3	8	75 9	8			
49	3 6	59	10 9	69	28 1	79	49 8	89	76 4	99			
12	3 4	12	11 2	12	28 5	12	50 3	12	76 9	12			
4	3 1	4	11 5	4	28 9	4	50 7	4	77 4	4			
6	2 9	6	11 9	6	29 2	6	51 2	6	77 9	6			
8	2 6	8	12 2	8	29 6	8	51 7	8	78 4	8			
50	2 3	60	12 5	70	30 0	80	52 2	90	78 9	100			

A

Temperature 92° F.

Divs on Stem A	Per cent over Proof	Divs on Stem A	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof
0	73 8	10	67 3	0	59 4	10	50 2	20	39 5	30	28 1		
1	73 7	10	67 1	1	59 3	11	50 0	21	39 3	31	27 9		
2	73 5	10	67 0	2	59 0	12	49 8	22	39 1	32	27 7		
3	73 4	10	66 9	3	58 9	13	49 6	23	38 9	33	27 4		
4	73 2	11	66 7	4	58 7	14	49 4	24	38 6	34	27 2		
5	73 1	11	66 6	5	58 5	15	49 2	25	38 4	35	27 0		
6	73 0	12	66 5	6	58 4	16	49 0	26	38 1	36	26 8		
7	72 8	12	66 3	7	58 2	17	48 8	27	37 9	37	26 5		
8	72 7	12	66 2	8	58 0	18	48 6	28	37 7	38	26 2		
9	72 6	12	66 1	9	57 8	19	48 4	29	37 5	39	26 0		
10	72 4	12	65 9	10	57 6	20	48 2	30	37 2	40	25 7		
11	72 3	12	65 8	11	57 5	21	48 0	31	37 0		25 5		
12	72 2	13	65 6	12	57 3	22	47 8	32	36 8		25 2		
13	72 1	13	65 5	13	57 1	23	47 6	33	36 6		25 0		
14	71 9	13	65 3	14	56 9	24	47 4	34	36 3		24 7		
15	71 8	13	65 2	15	56 7	25	47 2	35	36 1		24 5		
16	71 7	14	65 1	16	56 6	26	47 0	36	35 9		24 3		
17	71 6	14	65 0	17	56 4	27	46 8	37	35 7		24 1		
18	71 4	14	64 9	18	56 2	28	46 6	38	35 5		23 8		
19	71 3	14	64 7	19	56 0	29	46 4	39	35 3		23 6		
20	71 2	14	64 5	20	55 9	30	46 2	40	35 1		23 3		
21	71 0	15	64 4	21	55 6	31	46 0	41	34 9		23 1		
22	70 9	15	64 3	22	55 5	32	45 8	42	34 6		22 8		
23	70 8	15	64 1	23	55 3	33	45 6	43	34 4		22 6		
24	70 8	15	63 9	24	55 1	34	45 4	44	34 1		22 4		
25	70 5	15	63 8	25	54 9	35	45 2	45	33 9		22 1		
26	70 4	16	63 6	26	54 7	36	45 0	46	33 7		21 9		
27	70 3	16	63 5	27	54 6	37	44 7	47	33 5		21 6		
28	70 1	16	63 3	28	54 4	38	44 5	48	33 3		21 4		
29	70 0	16	63 1	29	54 2	39	44 3	49	33 0		21 1		
30	69 9	16	63 0	30	54 0	40	44 1	50	32 8		20 9		
31	69 7	17	62 8	31	53 9	41	43 9	51	32 6		20 6		
32	69 6	17	62 7	32	53 7	42	43 7	52	32 3		20 4		
33	69 5	17	62 5	33	53 5	43	43 5	53	32 1		20 1		
34	69 3	17	62 3	34	53 3	44	43 2	54	31 9		19 9		
35	69 2	17	62 2	35	53 1	45	42 9	55	31 7		19 6		
36	69 1	18	62 0	36	53 0	46	42 7	56	31 5		19 4		
37	68 9	18	61 8	37	52 8	47	42 5	57	31 3		19 1		
38	68 8	18	61 6	38	52 6	48	42 3	58	31 0		18 9		
39	68 7	18	61 4	39	52 4	49	42 0	59	30 9		18 6		
40	68 5	18	61 2	40	52 2	50	41 8	60	30 5		18 4		
41	68 4	19	61 0	41	52 0	51	41 6	61	30 3		18 1		
42	68 3	19	60 9	42	51 8	52	41 3	62	30 1		17 9		
43	68 1	19	60 7	43	51 6	53	41 0	63	29 8		17 6		
44	68 0	19	60 5	44	51 4	54	40 8	64	29 5		17 4		
45	67 9	20	60 3	45	51 2	55	40 6	65	29 3		17 1		
46	67 8	20	60 1	46	51 1	56	40 4	66	29 1		16 9		
47	67 6	20	59 9	47	50 9	57	40 1	67	28 9		16 6		
48	67 5	20	59 7	48	50 7	58	39 9	68	28 6		16 3		
49	67 4	20	59 6	49	50 4	59	39 7	69	28 3		16 1		
50	67 3	20	59 4	50	50 2	60	39 5	70	28 1		15 8		

GLASS HYDROMETER.

Temperature 92° F.

Days on Stem		Per cent over Proof		Days on Stem		Per cent over Proof		Days on Stem		Per cent under Proof		Days on Stem		Per cent under Proof		Days on Stem		Per cent under Proof		Days on Stem		Per cent under Proof		Days on Stem		Per cent under Proof		Days on Stem		Per cent under Proof		Days on Stem		Per cent under Proof	
40	15 8	50	1 9	60	12 9	70	30 5	80	52 6	90	79 2	40	15 6	50	1 6	60	12 8	70	30 4	80	52 5	90	79 1	40	15 3	50	1 3	60	12 6	70	30 3	80	52 3	90	78 9
2	15 6	12	1 6	12	13 2	12	29 4	12	53 1	12	79 7	2	15 3	12	1 3	12	13 0	12	29 3	12	53 0	12	79 6	2	15 0	12	1 0	12	12 9	12	29 2	12	52 9	12	79 4
4	15 3	4	1 3	4	13 0	4	31 1	4	53 5	4	80 8	4	14 7	4	1 1	4	12 8	4	31 6	4	54 0	4	81 1	4	14 5	4	1 0	4	12 6	4	31 4	4	54 5	4	81 3
6	15 0	6	1 1	6	13 0	6	31 6	6	54 0	6	81 3	6	14 2	6	0 8	6	12 5	6	32 0	6	54 5	6	81 6	6	14 0	6	0 6	6	12 3	6	32 4	6	55 0	6	82 0
8	14 7	8	0 8	8	14 6	8	32 0	8	54 5	8	81 8	8	13 9	8	0 6	8	12 2	8	32 4	8	55 0	8	82 1	8	13 7	8	0 4	8	12 0	8	32 8	8	55 5	8	82 4
10	14 5	10	0 6	10	14 9	10	32 4	10	55 0	10	82 4	10	13 6	10	0 4	10	11 9	10	32 8	10	55 5	10	82 9	10	13 4	10	0 2	10	11 7	10	33 2	10	56 0	10	83 4
12	14 2	12	0 4	12	15 2	12	32 8	12	55 5	12	82 9	12	13 3	12	0 2	12	11 6	12	33 6	12	56 0	12	83 4	12	13 1	12	0 1	12	11 4	12	34 0	12	56 5	12	84 0
14	13 9	14	0 1	14	15 6	14	33 2	14	56 0	14	83 4	14	13 0	14	0 0	14	11 1	14	34 4	14	56 5	14	84 0	14	12 8	14	0 0	14	10 9	14	34 8	14	57 0	14	84 5
16	13 6	16	0 2	16	16 0	16	33 6	16	56 5	16	84 0	16	12 5	16	0 0	16	10 8	16	35 2	16	57 0	16	85 0	16	12 6	16	0 0	16	10 7	16	35 6	16	57 5	16	85 5
18	13 3	18	0 5	18	16 3	18	34 0	18	57 0	18	84 5	18	12 2	18	0 0	18	10 5	18	36 0	18	57 5	18	86 0	18	12 0	18	0 0	18	10 3	18	36 4	18	58 0	18	86 4
20	13 0	20	0 8	20	16 7	20	34 5	20	57 5	20	85 0	20	11 9	20	0 0	20	10 2	20	37 0	20	58 0	20	86 5	20	11 7	20	0 0	20	10 0	20	37 4	20	58 5	20	87 0
22	12 8	22	1 1	22	17 0	22	34 9	22	58 0	22	86 0	22	11 6	22	0 0	22	9 9	22	37 4	22	58 5	22	87 0	22	11 4	22	0 0	22	9 7	22	37 8	22	59 0	22	87 4
24	12 5	24	1 4	24	17 4	24	35 4	24	58 5	24	86 5	24	11 3	24	0 0	24	9 6	24	37 8	24	59 0	24	87 4	24	11 1	24	0 0	24	9 4	24	38 2	24	59 5	24	87 8
26	12 2	26	1 7	26	17 7	26	35 8	26	59 0	26	86 5	26	11 0	26	0 0	26	9 3	26	38 6	26	59 5	26	87 8	26	10 8	26	0 0	26	9 1	26	38 6	26	60 0	26	88 0
28	11 9	28	2 0	28	18 0	28	36 2	28	59 5	28	87 0	28	10 7	28	0 0	28	8 9	28	39 0	28	60 0	28	88 0	28	10 5	28	0 0	28	8 7	28	39 4	28	60 5	28	88 4
30	11 6	30	2 3	30	18 3	30	36 6	30	60 0	30	87 5	30	10 4	30	0 0	30	8 6	30	39 4	30	60 5	30	88 4	30	10 2	30	0 0	30	8 5	30	39 8	30	61 0	30	88 8
32	11 3	32	2 6	32	18 6	32	37 0	32	60 5	32	88 0	32	10 1	32	0 0	32	8 3	32	40 0	32	61 0	32	89 0	32	10 0	32	0 0	32	8 2	32	40 4	32	61 4	32	89 4
34	11 0	34	2 9	34	18 9	34	37 4	34	61 0	34	88 5	34	9 9	34	0 0	34	8 0	34	40 4	34	61 4	34	89 4	34	9 7	34	0 0	34	7 9	34	40 8	34	61 8	34	89 8
36	10 7	36	3 2	36	19 2	36	37 8	36	61 5	36	89 0	36	9 6	36	0 0	36	7 7	36	40 8	36	62 0	36	90 0	36	9 5	36	0 0	36	7 6	36	41 2	36	62 4	36	90 4
38	10 4	38	3 5	38	19 5	38	38 2	38	62 0	38	89 5	38	9 3	38	0 0	38	7 4	38	41 2	38	62 4	38	90 4	38	9 2	38	0 0	38	7 3	38	41 6	38	62 8	38	90 8
40	10 1	40	3 8	40	19 8	40	38 6	40	62 5	40	90 0	40	9 0	40	0 0	40	7 1	40	41 6	40	62 8	40	91 0	40	8 9	40	0 0	40	7 0	40	42 0	40	63 2	40	91 4
42	9 8	42	4 1	42	20 1	42	39 0	42	63 0	42	90 5	42	8 7	42	0 0	42	6 9	42	42 0	42	63 2	42	91 4	42	8 6	42	0 0	42	6 8	42	42 4	42	63 6	42	91 8
44	9 5	44	4 4	44	20 4	44	39 4	44	63 5	44	91 0	44	8 4	44	0 0	44	6 6	44	42 4	44	63 6	44	91 8	44	8 3	44	0 0	44	6 5	44	42 8	44	64 0	44	92 2
46	9 2	46	4 7	46	20 7	46	39 8	46	64 0	46	91 5	46	8 1	46	0 0	46	6 3	46	42 8	46	64 0	46	92 2	46	8 0	46	0 0	46	6 2	46	43 2	46	64 4	46	92 6
48	8 9	48	5 0	48	21 0	48	40 2	48	64 5	48	92 0	48	7 9	48	0 0	48	6 0	48	43 2	48	64 5	48	92 6	48	7 7	48	0 0	48	5 9	48	43 6	48	64 8	48	93 0
50	8 6	50	5 3	50	21 3	50	40 6	50	65 0	50	92 5	50	7 6	50	0 0	50	5 8	50	43 6	50	65 0	50	93 0	50	7 5	50	0 0	50	5 7	50	44 0	50	65 2	50	93 4
52	8 3	52	5 6	52	21 6	52	41 0	52	65 5	52	93 0	52	7 3	52	0 0	52	5 5	52	44 0	52	65 5	52	93 4	52	7 2	52	0 0	52	5 6	52	44 4	52	65 7	52	93 8
54	8 0	54	5 9	54	21 9	54	41 4	54	66 0	54	93 5	54	7 0	54	0 0	54	5 2	54	44 4	54	66 0	54	94 0	54	7 0	54	0 0	54	5 9	54	44 8	54	66 2	54	94 2
56	7 7	56	6 2	56	22 2	56	41 8	56	66 5	56	94 0	56	6 7	56	0 0	56	4 9	56	44 8	56	66 5	56	94 4	56	6 6	56	0 0	56	6 0	56	45 2	56	66 4	56	94 6
58	7 4	58	6 5	58	22 5	58	42 2	58	67 0	58	94 5	58	6 4	58	0 0	58	4 6	58	45 2	58	67 0	58	94 8	58	6 3	58	0 0	58	5 7	58	45 6	58	66 8	58	95 0
60	7 1	60	6 8	60	22 8	60	42 6	60	67 5	60	95 0	60	6 1	60	0 0	60	4 3	60	45 6	60	67 5	60	95 2	60	6 0	60	0 0	60	5 4	60	46 0	60	67 2	60	95 4
62	6 8	62	7 1	62	23 1	62	43 0	62	68 0	62	95 5	62	5 8	62	0 0	62	4 0	62	46 0	62	68 0	62	95 8	62	5 7	62	0 0	62	5 1	62	46 4	62	67 9	62	95 7
64	6 5	64	7 4	64	23 4	64	43 4	64	68 5	64	96 0	64	5 5	64	0 0	64	3 7	64	46 4	64	68 5	64	96 2	64	5 4	64	0 0	64	4 9	64	46 8	64	67 6	64	95 6
66	6 2	66	7 7	66	23 7	66	43 8	66	69 0	66	96 5	66	5 2	66	0 0	66	3 4	66	47 0	66	69 0	66	96 7	66	5 1	66	0 0	66	4 6	66	47 4	66	67 3	66	95 3
68	5 9	68	8 0	68	24 0	68	44 2	68	69 5	68	97 0	68	4 9	68	0 0	68	3 1	68	47 4	68	69 5	68	97 2	68	4 8	68	0 0	68	4 3	68	47 8	68	66 9	68	94 9
70	5 6	70	8 3	70	24 3	70	44 6	70	70 0	70	97 5	70	4 6	70	0 0	70	2 8	70	47 8	70	70 0	70	97 7	70	4 5	70	0 0	70	4 0	70	48 2	70	66 6	70	94 6
72	5 3	72	8 6	72	24 6	72	45 0	72	70 5	72	98 0	72	4 3	72	0 0	72	2 5	72	48 2	72	70 5	72	98 2	72	4 2	72	0 0	72	3 7	72	48 6	72	66 3	72	94 3
74	5 0	74	8 9	74	24 9	74	45 4	74	71 0	74	98 5	74	4 0	74	0 0	74	2 2	74	48 6	74	71 0	74	98 7	74	4 0	74	0 0	74	3 4	74	49 0	74	66 0	74	94 0
76	4 7	76	9 2	76	25 2	76	45 8	76	71 5	76	99 0	76	3 7	76	0 0	76	1 9	76	49 0	76	71 5	76	99 2	76	3 6	76	0 0	76	3 1	76	49 4	76	65 5	76	93 7
78	4 4	78	9 5	78	25 5	78	46 2	78	72 0	78	99 5	78	3 4	78	0 0	78	1 6	78	49 4	78	72 0	78	99 4	78	3 3	78	0 0	78	2 8	78	49 8	78	65 2	78	93 4
80	4 1	80	9 8	80	25 8	80	46 6	80	72 5	80	100 0	80	3 1	80	0 0	80	1 3	80	49 8	80	72 5	80	100 0	80	3 0	80	0 0	80	2 5	80	50 2	80	65 0	80	93 1
82	3 8	82	10 1	82	26 1	82	47 0	82	73 0	82		82	2 8	82	0 0	82	1 0	82	50 2	82	73 0	82		82	2 7	82	0 0	82	2 2	82	50 6	82	64 7	82	92 8
84	3 5	84	10 4	84	26 4	84	47 4	84	73 5	84		84	2 5	84	0 0	84	0 7	84	50 6	84	73 5	84		84	2 4	84	0 0	84	1 9	84</					

A Temperature 93° F.

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GLASS HYDROMETER.

Temperature 93° F.

Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent under Proof	Divs on Stem	Per cent under Proof	Divs on Stem	Per cent under Proof	Divs on Stem	Per cent under Proof	Divs on Stem	Per cent under Proof	Divs on Stem	Per cent under Proof
40	15 5	50	1 5	60	13 3	70	30 8	80	52 9	90	79 5				
12	15 2	12	1 2	12	13 7	12	31	12	53 4	12	80 0				
4	14 9	4	1 0	4	14 6	4	31 6	4	53 9	4	80 5				
6	14 6	6	0 7	6	14 3	6	32 0	6	54 3	6	81 0				
8	14 4	8	0 4	8	14 7	8	32 4	8	54 8	8	81 5				
11	14 1	51	0 1	61	15 6	71	32 8	81	55 3	91	82 0				
2	13 9	2	0 2	2	15 4	12	33 2	12	55 8	12	82 6				
4	13 6	4	0 4	4	15 7	14	33 6	14	56 3	14	83 1				
6	13 3	6	0 7	6	16 0	16	34 0	16	56 9	16	83 7				
8	13 0	8	1 0	8	16 4	18	34 5	18	57 4	18	84 2				
42	12 7	52	1 3	62	16 7	72	34 9	82	57 9	92	84 7				
12	12 5	12	1 5	12	17 1	12	35 3	12	58 5	12	85 3				
4	12 2	4	1 8	4	17 5	14	35 8	14	59 0	14	85 8				
6	11 9	6	2 1	6	17 8	16	36 2	16	59 5	16	86 3				
8	11 6	8	2 4	8	18 1	18	36 6	18	60 1	18	86 9				
43	11 3	53	2 7	63	18 4	73	37 6	83	60 6	93	87 4				
12	11 0	12	2 9	12	18 9	12	37 4	12	61 1	12	88 0				
4	10 8	4	3 2	4	19 2	14	37 9	14	61 7	14	88 5				
6	10 5	6	3 5	6	19 5	16	38 4	16	62 2	16	89 1				
8	10 2	8	3 8	8	19 9	18	38 8	18	62 8	18	89 8				
44	9 9	54	4 1	64	20 2	74	39 2	84	63 3	94	90 2				
2	9 6	2	4 4	2	20 6	2	39 6	2	63 9	2	90 7				
4	9 4	4	4 7	4	20 9	4	40 0	4	64 4	4	91 2				
6	9 1	6	5 0	6	21 3	6	40 5	6	65 0	6	91 7				
8	8 8	8	5 3	8	21 6	8	40 9	8	65 5	8	92 2				
45	8 5	55	5 6	65	22 0	75	41 3	85	66 1	95	92 7				
12	8 2	12	5 9	12	22 3	12	41 8	12	66 7	12	93 2				
4	7 9	4	6 2	4	22 7	14	42 2	14	67 2	14	93 7				
6	7 7	6	6 5	6	23 0	16	42 7	16	67 8	16	94 3				
8	7 4	8	6 8	8	23 3	18	43 1	18	68 3	18	94 8				
46	7 1	56	7 1	66	23 7	76	43 6	86	68 9	96	95 3				
12	6 8	12	7 4	12	24 6	12	44 1	12	69 4	12	95 8				
4	6 5	4	7 7	4	24 4	14	44 5	14	70 0	14	96 3				
6	6 3	6	8 0	6	24 7	16	44 9	16	70 5	16	96 9				
8	6 0	8	8 3	8	25 0	18	45 4	18	71 1	18	97 4				
47	5 7	57	8 6	67	25 4	77	45 9	87	71 6	97	97 9				
2	5 4	2	8 9	2	25 7	2	46 4	2	72 2	2	98 4				
4	5 1	4	9 2	4	26 1	4	46 8	4	72 7	4	98 9				
6	4 9	6	9 5	6	26 4	6	47 3	6	73 3	6	99 4				
8	4 6	8	9 8	8	26 8	8	47 7	8	73 8	8	99 9				
48	4 3	58	10 1	68	27 1	78	48 2	88	74 4	98					
12	4 0	12	10 4	12	27 5	12	48 6	12	74 9	12					
4	3 7	4	10 7	4	27 8	14	49 2	14	75 4	14					
6	3 5	6	11 0	6	28 2	16	49 7	16	75 9	16					
8	3 2	8	11 3	8	28 6	18	50 1	18	76 5	18					
49	3 2	59	11 7	69	28 9	79	50 6	89	77 0	99					
2	2 9	2	12 0	2	29 3	2	51 1	2	77 5	2					
4	2 7	4	12 3	4	29 7	4	51 5	4	78 0	4					
6	2 4	6	12 7	6	30 1	6	52 6	6	78 6	6					
8	2 1	8	13 0	8	30 5	8	52 9	8	79 1	8					
50	1 8	60	13 3	70	30 8	80		90	79 5	100					

GLASS HYDROMETER.

A

Temperature 94° F.

Divs on Stem A	Per cent over Proof	Divs on Stem A	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof
0	73 4	10	66 9	0	58 9	10	49 7	20	39 9	30	27 5		
2	73 3	2	66 7	2	58 7	2	49 5	2	38 7	2	27 3		
4	73 1	4	66 6	4	58 5	4	49 3	4	38 4	4	27 0		
6	72 8	6	66 5	6	58 4	6	49 1	6	38 2	6	26 9		
8	72 7	8	66 3	8	58 2	8	48 9	8	37 9	8	26 6		
1	72 6	11	66 2	1	58 0	11	48 7	21	37 7	31	26 3		
2	72 4	2	66 0	2	57 9	2	48 5	2	37 5	2	26 0		
4	72 3	4	65 9	4	57 7	4	48 3	4	37 3	4	25 8		
6	72 2	6	65 7	6	57 5	6	48 1	6	37 0	6	25 5		
8	72 0	8	65 6	8	57 3	8	47 9	8	36 8	8	25 3		
2	71 9	12	65 4	2	57 1	12	47 7	22	36 6	32	25 0		
4	71 8	2	65 3	2	57 0	2	47 5	2	36 4	2	24 8		
6	71 7	4	65 1	4	56 8	4	47 3	4	36 1	4	24 5		
8	71 5	6	65 0	6	56 6	6	47 1	6	35 9	6	24 3		
3	71 4	8	64 8	8	56 4	8	46 9	8	35 7	8	24 1		
2	71 3	13	64 7	3	56 2	13	46 7	23	35 5	33	23 8		
4	71 2	2	64 6	2	56 1	2	46 5	2	35 3	2	23 6		
6	71 0	4	64 4	4	55 9	4	46 3	4	35 1	4	23 4		
8	70 9	6	64 2	6	55 7	6	46 0	6	34 9	6	23 1		
4	70 8	8	64 1	8	55 5	8	45 8	8	34 7	8	22 9		
2	70 6	14	63 9	4	55 3	14	45 6	24	34 4	34	22 6		
4	70 5	2	63 7	2	55 1	2	45 4	2	34 2	2	22 4		
6	70 4	4	63 6	4	54 9	4	45 2	4	33 9	4	22 1		
8	70 2	6	63 4	6	54 7	6	45 0	6	33 7	6	21 9		
5	70 1	8	63 2	9	54 5	8	44 7	8	33 5	8	21 7		
2	70 0	15	63 1	5	54 3	15	44 6	25	33 3	35	21 4		
4	69 9	2	62 9	2	54 2	2	44 3	2	33 1	2	21 2		
6	69 7	4	62 7	4	54 1	4	44 1	4	32 9	4	20 9		
8	69 6	6	62 6	6	53 9	6	43 9	6	32 6	6	20 7		
6	69 5	8	62 4	8	53 7	8	43 7	8	32 4	8	20 4		
2	69 3	16	62 2	6	53 5	16	43 5	26	32 1	36	20 2		
4	69 2	2	62 1	2	53 3	2	43 2	2	31 9	2	19 9		
6	69 1	4	61 9	4	53 1	4	42 9	4	31 7	4	19 7		
8	68 9	6	61 7	6	53 0	6	42 7	6	31 5	6	19 4		
7	68 8	8	61 6	8	52 8	8	42 6	8	31 3	8	19 2		
2	68 7	17	61 4	7	52 6	17	42 3	27	31 1	37	18 9		
4	68 5	2	61 2	2	52 4	2	42 1	2	30 9	2	18 7		
6	68 4	4	61 1	4	52 2	4	41 8	4	30 7	4	18 4		
8	68 3	6	60 9	6	52 0	6	41 6	6	30 3	6	18 2		
8	68 1	8	60 7	8	51 8	8	41 3	8	30 1	8	17 9		
2	68 0	16	60 6	8	51 7	16	41 1	28	29 9	38	17 7		
4	67 9	2	60 4	2	51 5	2	40 8	2	29 6	2	17 4		
6	67 7	4	60 2	4	51 3	4	40 6	4	29 4	4	17 2		
8	67 6	6	60 1	6	51 1	6	40 4	6	29 1	6	16 9		
9	67 5	8	60 0	8	50 9	8	40 2	8	28 9	8	16 7		
2	67 4	19	59 8	9	50 7	19	39 9	29	28 6	39	16 4		
4	67 2	2	59 6	2	50 5	2	39 7	2	28 4	2	16 2		
6	67 1	4	59 4	4	50 3	4	39 5	4	28 1	4	15 9		
8	67 0	6	59 3	6	50 1	6	39 3	6	27 9	6	15 7		
10	66 9	8	59 1	8	49 8	8	39 1	8	27 7	8	15 4		
		20	58 9	10	49 7	20	38 9	30	27 5	40	15 2		

Temperature 94° F.

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GLASS HYDROMETER.

A

Temperature 95° F.

Days on Stem A	Per cent over Proof	Days on Stem A	Per cent over Proof	Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof	Days on Stem	Per cent over Proof
0	73 1	16	66 6	0	58 6	10	49 4	20	38 5	30	27 2				
2	73 0	18	66 5	2	58 4	12	49 2	22	38 3	32	26 9				
4	72 8	4	66 3	4	58 2	4	49 0	4	38 1	4	26 7				
6	72 7	6	66 2	6	58 1	6	48 8	6	37 9	6	26 4				
8	72 6	8	66 0	8	57 9	8	48 6	8	37 7	8	26 2				
1	72 5	11	65 9	1	57 7	11	48 4	21	37 4	31	25 9				
2	72 3	2	65 7	2	57 6	2	48 2	2	37 1	2	25 7				
4	72 2	4	65 6	4	57 4	4	48 0	4	36 9	4	25 6				
6	72 1	6	65 4	6	57 3	6	47 8	6	36 7	6	25 2				
8	72 0	8	65 3	8	57 1	8	47 6	8	36 5	8	24 0				
2	71 8	12	65 1	2	56 9	12	47 4	22	36 3	32	24 7				
2	71 7	2	65 0	2	56 7	2	47 2	2	36 1	2	24 5				
4	71 6	4	64 8	4	56 5	4	47 0	4	35 9	4	24 2				
6	71 4	6	64 7	6	56 3	6	46 8	6	35 7	6	24 6				
8	71 3	8	64 5	8	56 1	8	46 6	8	35 4	8	23 7				
3	71 2	13	64 4	3	55 9	13	46 3	23	35 2	33	23 5				
2	71 0	2	64 2	2	55 8	2	46 1	2	35 0	2	23 2				
4	70 9	4	64 1	4	55 6	4	45 9	4	34 8	4	23 0				
6	70 8	6	63 9	6	55 4	6	45 7	6	34 5	6	22 7				
8	70 7	8	63 8	8	55 2	8	45 5	8	34 3	8	22 5				
4	70 5	14	63 6	4	55 0	14	45 3	24	34 1	34	22 3				
2	70 4	2	63 4	2	54 9	2	45 1	2	33 9	2	22 6				
4	70 3	4	63 3	4	54 7	4	44 9	4	33 7	4	21 7				
6	70 1	6	63 1	6	54 5	6	44 7	6	33 5	6	21 4				
8	70 0	8	62 9	8	54 3	8	44 4	8	33 2	8	21 2				
5	69 9	15	62 8	5	54 1	15	44 2	25	33 0	25	20 6				
2	69 7	2	62 6	2	53 9	2	44 0	2	32 7	2	26 7				
4	69 6	4	62 4	4	53 8	4	43 8	4	32 5	4	20 5				
6	69 5	6	62 3	6	53 6	6	43 6	6	32 3	6	20 2				
8	69 3	8	62 1	8	53 5	8	43 4	8	32 1	8	20 0				
6	69 2	10	61 9	6	53 3	10	43 1	20	31 9	30	19 7				
2	69 1	2	61 8	2	53 1	2	42 9	2	31 7	2	19 4				
4	68 9	4	61 6	4	52 9	4	42 6	4	31 4	4	19 2				
6	68 8	6	61 4	6	52 7	6	42 4	6	31 2	6	18 9				
8	68 7	8	61 3	8	52 5	8	42 1	8	30 9	8	18 7				
7	68 5	17	61 1	7	52 3	17	41 9	27	30 7	37	18 5				
2	68 4	2	60 9	2	52 1	2	41 7	2	30 5	2	18 2				
4	68 3	4	60 8	4	51 9	4	41 5	4	30 3	4	18 6				
6	68 2	6	60 6	6	51 7	6	41 2	6	30 0	6	17 7				
8	68 6	8	60 4	8	51 5	8	41 0	8	29 8	8	17 5				
8	67 9	18	60 3	8	51 3	18	40 8	26	29 5	38	17 2				
2	67 8	2	60 1	2	51 2	2	40 5	2	29 3	2	16 6				
4	67 7	4	59 9	4	51 0	4	40 3	4	29 1	4	16 7				
6	67 5	6	59 8	6	50 8	6	40 1	6	28 9	6	16 4				
8	67 4	8	59 6	8	50 5	8	39 9	8	28 7	8	16 2				
9	67 3	19	59 4	9	50 3	19	39 6	29	28 5	39	16 0				
2	67 1	2	59 3	2	50 1	2	39 4	2	28 3	2	15 7				
4	67 0	4	59 1	4	49 9	4	39 2	4	28 1	4	15 5				
6	66 9	6	58 9	6	49 7	6	39 0	6	27 8	6	15 3				
8	66 7	8	58 7	8	49 5	8	38 7	8	27 5	8	15 0				
10	66 6	20	58 6	10	49 4	20	38 5	30	27 2	40	14 8				

GLASS HYDROMETER.

Temperature 95° F.

Divs on Stem	Per cent. over Proof	Divs on Stem	Per cent. over Proof	Divs on Stem	Per cent. under Proof	Divs on Stem	Per cent. under Proof	Divs on Stem	Per cent. under Proof	Divs on Stem	Per cent. under Proof	Divs on Stem	Per cent. under Proof	Divs on Stem	Per cent. under Proof
40	14 8	50	0 8	60	14 1	70	31 6	80	53 7	90	80 1				
2	14 5	2	0 5	2	14 5	2	31 9	2	54 2	2	80 0				
4	14 2	4	0 2	4	14 0	4	32 3	4	54 7	4	81 1				
6	13 9	6		6	15 2	6	32 7	6	55 1	6	81 6				
8	13 6	8	0 3	8	15 5	8	33 2	8	55 6	8	82 1				
41	13 4	51	0 6	61	15 9	71	33 6	81	56 1	91	82 0				
2	13 1	2	0 6	2	16 2	2	34 0	2	56 6	2	83 2				
4	12 8	4	1 2	4	16 5	4	34 5	4	57 1	4	83 7				
6	12 5	6	1 5	6	16 8	6	34 9	6	57 7	6	84 3				
8	12 3	8	1 8	8	17 2	8	35 4	8	58 2	8	84 8				
42	12 0	62	2 1	62	17 6	72	35 8	82	59 7	92	85 3				
2	11 7	2	2 3	2	17 9	2	36 2	2	60 3	2	85 9				
4	11 4	4	2 6	4	18 2	4	36 6	4	60 8	4	86 4				
6	11 1	6	2 9	6	18 5	6	37 0	6	60 3	6	86 0				
8	10 8	8	3 2	8	18 9	8	37 4	8	60 0	8	87 5				
43	10 5	53	3 5	63	19 2	73	37 8	83	61 4	93	88 0				
2	10 2	2	3 7	2	19 6	2	38 3	2	61 0	2	88 0				
4	10 0	4	4 0	4	20 0	4	38 7	4	62 5	4	89 1				
6	9 7	6	4 3	6	20 3	6	39 2	6	63 0	6	89 6				
8	9 4	8	4 6	8	20 7	8	39 6	8	63 5	8	90 2				
44	9 1	54	4 9	64	21 1	74	40 0	84	64 1	94	90 7				
2	8 8	2	5 2	2	21 5	2	40 4	2	64 6	2	91 2				
4	8 6	4	5 5	4	21 8	4	40 9	4	65 2	4	91 7				
6	8 3	6	5 8	6	22 2	6	41 3	6	65 7	6	92 2				
8	8 0	8	6 1	8	22 5	8	41 8	8	66 3	8	92 7				
45	7 7	55	6 4	65	22 8	75	42 2	85	66 8	95	93 2				
2	7 4	2	6 7	2	23 2	2	42 7	2	67 4	2	93 7				
4	7 1	4	7 0	4	23 5	4	43 1	4	67 9	4	94 2				
6	6 9	6	7 3	6	23 8	6	43 5	6	68 5	6	94 7				
8	6 6	8	7 6	8	24 1	8	43 9	8	68 8	8	95 2				
46	6 3	56	7 9	66	24 5	76	44 4	86	69 0	96	95 6				
2	6 0	2	8 2	2	24 8	2	44 8	2	70 1	2	96 3				
4	5 8	4	8 5	4	25 2	4	45 3	4	70 7	4	96 8				
6	5 5	6	8 8	6	25 5	6	45 8	6	71 2	6	97 3				
8	5 2	8	9 1	8	25 8	8	46 3	8	71 8	8	97 9				
47	4 9	57	9 4	67	26 2	77	46 8	87	72 3	97	98 3				
2	4 6	2	9 7	2	26 5	2	47 3	2	72 9	2	98 8				
4	4 3	4	10 0	4	26 9	4	47 7	4	73 4	4	99 3				
6	4 1	6	10 3	6	27 2	6	48 2	6	73 9	6	99 8				
8	3 9	8	10 6	8	27 5	8	48 7	8	74 5	8					
48	3 6	58	10 9	68	27 9	78	49 1	88	75 0	98					
2	3 3	2	11 2	2	28 2	2	49 6	2	75 5	2					
4	3 1	4	11 5	4	28 6	4	50 0	4	76 0	4					
6	2 8	6	11 8	6	28 9	6	50 5	6	76 5	6					
8	2 5	8	12 1	8	29 3	8	50 9	8	77 1	8					
49	2 3	59	12 5	69	29 6	79	51 4	89	77 6	99					
2	2 0	2	12 8	2	30 0	2	51 9	2	78 1	2					
4	1 7	4	13 1	4	30 4	4	52 3	4	78 6	4					
6	1 4	6	13 5	6	30 8	6	52 8	6	79 1	6					
8	1 1	8	13 8	8	31 2	8	53 3	8	79 6	8					
50	0 8	60	14 1	70	31 6	80	53 7	90	80 1	100					

GLASS HYDROMETER.

A

Temperature 96° F

Dive on Stem A	Per cent over Proof	Dive on Stem A	Per cent over Proof	Dive on Stem	Per cent over Proof	Dive on Stem	Per cent over Proof	Dive on Stem	Per cent over Proof	Dive on Stem	Per cent over Proof	Dive on Stem	Per cent over Proof
0	72 9	10	66 4	0	58 4	10	49 1	20	38 2	30	26 9	40	14 4
2	72 5	2	66 2	2	58 2	2	48 9	2	38 0	2	26 6	2	14 1
4	72 6	4	66 1	4	58 0	4	48 7	4	37 7	4	26 4	4	13 8
6	72 5	6	66 0	6	57 8	6	48 5	6	37 5	6	26 1	6	13 5
8	72 4	8	65 8	8	57 7	8	48 3	8	37 3	8	25 9	8	13 2
1	72 3	11	65 7	1	57 5	11	49 1	21	37 1	31	25 6	41	12 9
2	72 1	2	65 5	2	57 3	2	47 9	2	36 8	2	25 3	2	12 6
4	72 0	4	65 4	4	57 1	4	47 7	4	36 6	4	25 1	4	12 3
6	71 0	6	65 2	6	57 0	6	47 5	6	36 4	6	24 9	6	12 0
8	71 4	8	65 1	8	56 8	8	47 3	8	36 2	8	24 6	8	11 7
2	71 6	12	64 9	2	56 6	12	47 1	22	36 0	32	24 3	42	11 4
2	71 5	2	64 8	2	56 4	2	46 9	2	35 8	2	24 1	2	11 1
4	71 4	4	64 6	4	56 2	4	46 7	4	35 5	4	23 9	4	10 8
5	71 2	6	64 5	6	56 1	6	46 5	6	35 3	6	23 6	6	10 5
6	71 1	8	64 3	8	55 9	8	46 3	8	35 1	8	23 3	8	10 2
9	71 0	13	64 2	3	55 7	13	46 1	23	34 9	33	23 1	43	9 9
2	70 8	2	64 0	2	55 5	2	45 9	2	34 7	2	22 8	2	9 6
4	70 7	4	63 9	4	55 3	4	45 6	4	34 5	4	22 6	4	9 3
6	70 6	6	63 7	6	55 1	6	45 4	6	34 2	6	22 3	6	9 0
8	70 5	8	63 6	8	54 9	8	45 2	8	34 0	8	22 1	8	8 7
4	70 3	14	63 4	4	54 7	14	45 0	24	33 8	34	21 8	44	8 4
2	70 2	2	63 2	2	54 6	2	44 8	2	33 6	2	21 5	2	8 1
4	70 1	4	63 1	4	54 4	4	44 6	4	33 3	4	21 3	4	7 8
6	69 9	6	62 9	6	54 2	6	44 4	6	33 1	6	21 1	6	7 5
9	69 8	8	62 7	8	54 0	8	44 1	8	32 9	8	20 8	8	7 2
5	69 7	15	62 6	5	53 9	15	43 9	25	32 7	35	20 6	45	6 9
2	69 5	2	62 4	2	53 7	2	43 7	2	32 4	2	20 3	2	6 6
4	69 4	4	62 2	4	53 5	4	43 5	4	32 2	4	20 1	4	6 3
6	69 3	6	62 1	6	53 3	6	43 3	6	32 0	6	19 8	6	6 0
8	69 1	8	61 9	8	53 1	8	43 0	8	31 8	8	19 6	8	5 7
0	69 0	10	61 7	6	53 0	16	42 7	26	31 5	36	19 4	46	5 4
2	68 9	2	61 6	2	52 8	2	42 5	2	31 3	2	19 1	2	5 1
4	68 7	4	61 4	4	52 6	4	42 3	4	31 1	4	18 9	4	4 8
6	68 6	6	61 2	6	52 5	6	42 1	6	30 9	6	18 6	6	4 5
8	68 5	8	61 1	8	52 3	8	41 8	8	30 6	8	18 4	8	4 2
7	68 3	17	60 9	7	52 1	17	41 6	27	30 4	37	18 2	47	3 9
2	68 2	2	60 7	2	51 9	2	41 4	2	30 2	2	18 0	2	3 6
4	68 1	4	60 6	4	51 7	4	41 1	4	29 9	4	17 7	4	3 3
6	68 0	6	60 4	6	51 5	6	40 9	6	29 7	6	17 5	6	3 0
8	67 8	8	60 2	8	51 3	8	40 7	8	29 5	8	17 2	8	2 7
8	67 7	18	60 1	8	51 1	18	40 5	28	29 2	38	17 0	48	2 4
2	67 6	2	59 9	2	50 9	2	40 2	2	28 9	2	16 7	2	2 1
4	67 5	4	59 7	4	50 7	4	40 0	4	28 7	4	16 5	4	1 8
6	67 4	6	59 6	6	50 5	6	39 7	6	28 5	6	16 2	6	1 5
8	67 2	8	59 4	8	50 3	8	39 5	8	28 3	8	16 0	8	1 2
9	67 1	19	59 2	9	50 1	19	39 3	29	28 0	39	15 7	49	0 9
2	66 9	2	59 1	2	49 9	2	39 1	2	27 8	2	15 5	2	0 6
4	66 8	4	58 9	4	49 7	4	38 9	4	27 5	4	15 2	4	0 3
6	66 7	6	58 7	6	49 5	6	38 7	6	27 3	6	14 9	6	0 0
8	66 5	8	58 6	8	49 3	8	38 4	8	27 1	8	14 7	8	9 7
10	66 4	20	58 4	10	49 1	20	38 2	30	26 9	40	14 4	50	9 4

GLASS HYDROMETER

Temperature 96° F

Divs. on Stem.	Per cent over Proof	Divs. on Stem.	Per cent over Proof	Divs. on Stem.	Per cent under Proof	Divs. on Stem.	Per cent under Proof	Divs. on Stem.	Per cent under Proof	Divs. on Stem.	Per cent under Proof	Divs. on Stem.	Per cent under Proof	Divs. on Stem.	Per cent under Proof
40	14.4	50	0.4	60	14.5	70	41.9	80	54.0	90	86.3				
2	14.1	2	0.1	2	14.9	2	32.3	2	54.5	2	86.3				
4	13.8	4	0.4	4	15.2	4	32.7	4	55.0	4	86.3				
6	13.5	6	0.6	6	15.6	6	33.1	6	55.5	6	86.8				
8	13.2	8	0.8	8	15.9	8	33.6	8	56.0	8	87.3				
41	13.0	51	0.9	61	16.3	71	34.0	81	56.5	91	87.8				
2	12.7	2	1.2	2	16.6	2	34.4	2	57.0	2	88.4				
4	12.4	4	1.5	4	16.9	4	34.9	4	57.5	4	88.9				
6	12.1	6	1.8	6	17.3	6	35.3	6	58.0	6	89.5				
8	11.9	8	2.1	8	17.6	8	35.8	8	58.5	8	90.0				
42	11.6	52	2.4	62	17.9	72	36.2	82	59.0	92	89.5				
2	11.3	2	2.6	2	18.3	2	36.6	2	59.5	2	89.1				
4	11.0	4	2.9	4	18.6	4	37.0	4	60.1	4	89.6				
6	10.7	6	3.2	6	18.9	6	37.4	6	60.6	6	89.1				
8	10.5	8	3.5	8	19.3	8	37.8	8	61.2	8	89.7				
43	10.2	53	3.8	63	19.7	73	38.3	83	61.7	93	89.2				
2	9.9	2	4.0	2	20.1	2	38.7	2	62.2	2	89.8				
4	9.6	4	4.3	4	20.4	4	39.2	4	62.7	4	89.3				
6	9.3	6	4.6	6	20.7	6	39.6	6	63.3	6	89.4				
8	9.0	8	4.9	8	21.1	8	40.0	8	63.8	8	90.1				
44	8.7	54	5.2	64	21.5	74	40.4	84	64.4	94	90.3				
2	8.4	2	5.5	2	21.8	2	40.9	2	64.9	2	91.4				
4	8.1	4	5.8	4	22.2	4	41.4	4	65.5	4	91.9				
6	7.9	6	6.1	6	22.6	6	41.8	6	66.0	6	92.4				
8	7.6	8	6.4	8	22.9	8	42.2	8	66.6	8	92.9				
45	7.3	55	6.7	65	23.3	75	42.6	85	67.1	95	93.4				
2	7.0	2	7.0	2	23.5	2	43.1	2	67.7	2	93.9				
4	6.8	4	7.3	4	23.8	4	43.6	4	68.2	4	94.4				
6	6.5	6	7.6	6	24.2	6	44.0	6	68.8	6	94.9				
8	6.3	8	7.9	8	24.5	8	44.4	8	69.3	8	95.4				
46	6.0	56	8.2	66	24.8	76	44.8	86	69.9	96	96.0				
2	5.7	2	8.5	2	25.1	2	45.3	2	70.4	2	96.5				
4	5.4	4	8.8	4	25.5	4	45.8	4	71.0	4	97.0				
6	5.1	6	9.1	6	25.8	6	46.2	6	71.5	6	97.5				
8	4.9	8	9.4	8	26.2	8	46.7	8	72.1	8	98.0				
47	4.6	57	9.7	67	26.5	77	47.2	87	72.6	97	98.5				
2	4.3	2	10.0	2	26.8	2	47.7	2	73.1	2	99.0				
4	4.0	4	10.3	4	27.2	4	48.1	4	73.6	4	99.5				
6	3.8	6	10.6	6	27.5	6	48.6	6	74.1	6	100.0				
8	3.5	8	10.9	8	27.8	8	49.1	8	74.7	8					
48	3.2	58	11.2	68	28.2	78	49.5	88	75.2	98					
2	2.9	2	11.5	2	28.5	2	50.0	2	75.7	2					
4	2.7	4	11.9	4	28.9	4	50.4	4	76.2	4					
6	2.4	6	12.2	6	29.2	6	50.9	6	76.7	6					
8	2.2	8	12.5	8	29.6	8	51.3	8	77.3	8					
49	1.9	59	12.9	69	30.0	79	51.8	89	77.8	99					
2	1.6	2	13.2	2	30.4	2	52.2	2	78.3	2					
4	1.3	4	13.5	4	30.8	4	52.7	4	78.8	4					
6	1.0	6	13.9	6	31.2	6	53.1	6	79.3	6					
8	0.7	8	14.2	8	31.6	8	53.6	8	79.8	8					
50	0.4	60	14.5	70	31.9	80	54.0	90	80.3	100					

GLASS HYDROMETER

A

Temperature 97° F.

Divs on Stem A	Per cent over Proof	Divs on Stem A	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof	Divs on Stem	Per cent over Proof
0	72 7	10	66 2	0	58 1	10	48 8	20	37 9	30	26 5		
2	72 6	2	66 0	2	58 0	2	48 6	2	37 7	2	26 3		
4	72 4	4	65 9	4	57 8	4	48 4	4	37 4	4	26 0		
6	72 3	6	65 8	6	57 6	6	48 2	6	37 2	6	25 7		
8	72 2	8	65 6	8	57 4	8	48 0	8	36 9	8	25 5		
1	72 1	11	65 5	1	57 3	11	47 8	21	36 7	31	25 3		
2	71 9	2	65 3	2	57 1	2	47 6	2	36 5	2	25 0		
4	71 8	4	65 2	4	56 9	4	47 4	4	36 3	4	24 8		
6	71 7	6	65 0	6	56 7	6	47 2	6	36 1	6	24 6		
8	71 6	8	64 9	8	56 5	8	47 0	8	35 0	8	24 3		
12	71 4	12	64 7	2	56 3	12	46 8	22	35 7	32	24 0		
2	71 3	2	64 6	2	56 1	2	46 6	2	35 5	2	23 8		
4	71 2	4	64 4	4	55 9	4	46 4	4	35 2	4	23 5		
6	71 0	6	64 2	6	55 8	6	46 2	6	35 0	6	23 3		
8	70 9	8	64 1	8	55 6	8	46 0	8	34 8	8	23 0		
2	70 8	13	64 0	3	55 4	13	45 7	23	34 6	33	22 8		
4	70 6	2	63 7	2	55 2	2	45 5	2	34 3	2	22 5		
6	70 5	4	63 6	4	55 0	4	45 3	4	34 1	4	22 2		
8	70 4	6	63 4	6	54 0	6	45 1	6	33 9	6	21 9		
2	70 3	8	63 3	8	54 7	8	44 9	8	33 7	8	21 7		
4	70 1	14	63 1	4	54 5	14	44 7	24	33 5	34	21 5		
6	70 0	2	62 9	2	54 3	2	44 5	2	33 3	2	21 2		
8	69 9	4	62 8	4	54 1	4	44 3	4	33 0	4	21 0		
2	69 7	0	62 6	0	53 9	0	44 1	6	32 8	6	20 7		
4	69 6	8	62 4	8	53 7	8	43 8	8	32 5	8	20 5		
6	69 5	15	62 3	5	53 6	15	43 6	25	32 3	35	20 3		
8	69 3	2	62 1	2	53 5	2	43 4	2	32 1	2	20 0		
2	69 2	4	61 9	4	53 3	4	43 1	4	31 0	4	19 8		
4	69 1	6	61 8	6	53 1	6	42 9	6	31 7	6	19 5		
6	68 9	8	61 6	8	52 9	8	42 6	8	31 5	8	19 3		
8	68 8	10	61 4	6	52 7	16	42 4	26	31 2	36	19 1		
2	68 7	2	61 3	2	52 5	2	42 2	2	31 0	2	18 8		
4	68 5	4	61 1	4	52 3	4	41 9	4	30 7	4	18 6		
6	68 4	6	60 9	6	52 1	6	41 7	6	30 5	6	18 3		
8	68 3	8	60 8	8	51 9	8	41 5	8	30 3	8	18 1		
2	68 1	17	60 6	7	51 8	17	41 3	27	30 1	37	17 8		
4	68 0	2	60 4	2	51 6	2	41 0	2	29 9	2	17 5		
6	67 9	4	60 3	4	51 4	4	40 8	4	29 6	4	17 3		
8	67 8	6	60 1	6	51 2	6	40 6	6	29 3	6	17 0		
2	67 6	8	59 9	8	51 0	8	40 3	8	29 1	8	16 8		
4	67 5	14	59 8	8	50 8	18	40 1	28	28 9	38	16 5		
6	67 4	2	59 6	2	50 6	2	39 9	2	28 6	2	16 2		
8	67 3	4	59 4	4	50 4	4	39 7	4	28 4	4	15 9		
2	67 1	6	59 3	6	50 2	6	39 5	6	28 1	6	15 6		
4	67 0	8	59 1	8	50 0	8	39 3	8	27 9	8	15 4		
6	66 9	10	58 9	9	49 8	19	39 0	29	27 7	39	15 1		
8	66 7	2	58 8	2	49 6	2	38 8	2	27 5	2	14 9		
2	66 6	4	58 6	4	49 4	4	38 5	4	27 2	4	14 7		
4	66 5	6	58 4	6	49 2	6	38 3	6	27 0	6	14 4		
6	66 3	8	58 2	8	49 0	8	38 1	8	26 7	8	14 2		
10	66 2	20	58 1	10	48 8	20	37 9	30	26 5	40	13 9		

GLASS HYDROMETER.

Temperature 97° F.

Days on Stem	Per cent. over Proof	Days on Stem	Per cent. over Proof	Days on Stem	Per cent. under Proof	Days on Stem	Per cent. under Proof	Days on Stem	Per cent. under Proof	Days on Stem	Per cent. under Proof
40	13 9	50	0 1	60	17 0	70	32 3	80	54 4	90	80 5
12	13 6	12	0 1	12	15 3	12	32 7	12	54 9	12	81 0
4	13 4	4	0 5	4	15 7	4	33 2	4	55 4	4	81 5
6	13 1	6	0 8	6	16 0	6	33 6	6	55 9	6	82 0
8	12 9	8	1 0	8	16 3	8	34 1	8	56 4	8	82 5
41	12 6	51	1 3	61	16 6	71	34 5	81	56 9	91	83 0
12	12 3	12	1 6	12	17 0	12	34 9	12	57 4	12	83 6
4	12 1	4	1 9	4	17 3	4	35 4	4	57 9	4	84 1
6	11 8	6	2 2	6	17 6	6	35 8	6	58 4	6	84 7
8	11 5	8	2 5	8	18 0	8	36 2	8	58 9	8	85 3
42	11 2	52	2 8	62	18 3	72	36 6	82	59 4	92	85 8
12	10 9	12	3 0	12	18 7	12	37 0	12	60 0	12	86 4
4	10 7	4	3 3	4	19 0	4	37 4	4	60 5	4	86 9
6	10 4	6	3 6	6	19 3	6	37 8	6	61 0	6	87 4
8	10 1	8	3 9	8	19 7	8	38 2	8	61 5	8	88 0
43	9 8	53	4 1	63	20 1	73	38 7	83	62 0	93	88 5
12	9 5	12	4 4	12	20 5	12	39 1	12	62 5	12	89 1
4	9 2	4	4 7	4	20 9	4	39 6	4	63 1	4	89 6
6	8 9	6	5 0	6	21 2	6	40 0	6	63 6	6	90 1
8	8 6	8	5 3	8	21 5	8	40 4	8	64 1	8	90 6
44	8 3	54	5 6	64	21 9	74	40 9	84	64 7	94	91 1
12	8 0	12	5 9	12	22 2	12	41 3	12	65 2	12	91 6
4	7 8	4	6 2	4	22 6	4	41 8	4	65 8	4	92 1
6	7 5	6	6 5	6	22 9	6	42 2	6	66 3	6	92 7
8	7 3	8	6 8	8	23 2	8	42 6	8	66 9	8	93 2
45	7 0	55	7 1	65	23 6	75	43 1	85	67 4	95	93 7
12	6 7	12	7 4	12	23 9	12	43 5	12	68 0	12	94 2
4	6 4	4	7 7	4	24 2	4	43 9	4	68 5	4	94 7
6	6 1	6	8 0	6	24 6	6	44 3	6	69 1	6	95 2
8	5 8	8	8 3	8	24 9	8	44 8	8	69 6	8	95 7
46	5 6	56	8 6	66	25 2	76	45 2	86	70 2	96	96 2
12	5 3	12	8 9	12	25 6	12	45 7	12	70 7	12	96 7
4	5 0	4	9 2	4	25 9	4	46 2	4	71 3	4	97 2
6	4 7	6	9 5	6	26 2	6	46 7	6	71 8	6	97 7
8	4 5	8	9 8	8	26 5	8	47 2	8	72 4	8	98 2
47	4 3	57	10 1	67	26 9	77	47 6	87	72 9	97	98 7
12	4 0	12	10 4	12	27 2	12	48 1	12	73 4	12	99 2
4	3 7	4	10 7	4	27 6	4	48 5	4	73 9	4	99 7
6	3 5	6	11 0	6	27 9	6	49 0	6	74 4	6	
8	3 2	8	11 3	8	28 2	8	49 5	8	75 0	8	
48	2 9	58	11 6	68	28 6	78	49 9	88	75 5	98	
12	2 7	12	11 9	12	28 9	12	50 4	12	76 0	12	
4	2 4	4	12 3	4	29 3	4	50 8	4	76 5	4	
6	2 1	6	12 6	6	29 6	6	51 3	6	77 0	6	
8	1 9	8	12 9	8	30 0	8	51 7	8	77 5	8	
49	1 6	59	13 3	69	30 4	79	52 2	89	78 0	99	
12	1 3	12	13 6	12	30 8	12	52 6	12	78 5	12	
4	1 0	4	13 9	4	31 2	4	53 1	4	79 0	4	
6	0 7	6	14 3	6	31 5	6	53 5	6	79 5	6	
8	0 4	8	14 6	8	31 9	8	54 0	8	80 0	8	
50	0 1	60	15 0	70	32 3	80	54 4	90	80 5	100	

A

Temperature 98° F.

[illegible]

GLASS HYDROMETER.

Temperature 98° F.

Dive on Stem		Per cent. over Proof		Dive on Stem		Per cent. under Proof		Dive on Stem		Per cent. under Proof		Dive on Stem		Per cent. under Proof		Dive on Stem		Per cent. under Proof		Dive on Stem		Per cent. under Proof		Dive on Stem		Per cent. under Proof		Dive on Stem		Per cent. under Proof	
40	13 6	50	0 3	50	15 4	70	32 8	80	54 8	90	80 7																				
2	13 3		0 6	2	15 7	2	33 2	2	55 3	2	81 2																				
4	13 1		0 6	4	16 0	4	33 6	4	55 8	4	81 7																				
6	12 8		1 1	6	16 3	6	34 0	6	56 3	6	82 2																				
8	12 5		1 4	8	16 7	8	34 5	8	56 8	8	82 8																				
41	12 2	61	1 7	61	17 0	71	34 9	81	57 3	91	83 3																				
2	11 0		2 0	2	17 4	2	35 4	2	57 8	2	83 6																				
4	11 7		2 3	4	17 7	4	35 6	4	58 3	4	84 4																				
6	11 4		2 6	6	18 0	6	36 2	6	58 8	6	85 0																				
8	11 1		2 8	8	18 4	8	36 6	8	59 3	8	85 5																				
42	10 6	52	3 1	62	18 7	72	37 0	82	59 8	92	86 0																				
2	10 6		3 4	2	19 1	2	37 5	2	60 3	2	86 6																				
4	10 3		3 7	4	19 4	4	37 9	4	60 8	4	87 1																				
6	10 0		4 0	6	19 7	6	38 3	6	61 3	6	87 7																				
8	9 7		4 3	8	20 1	8	38 7	8	61 6	8	88 2																				
43	6 4	53	4 5	63	20 5	73	39 2	83	62 4	93	88 8																				
2	6 1		4 8	2	20 9	2	39 6	2	62 6	2	86 3																				
4	6 8		5 1	4	21 3	4	40 0	4	63 4	4	89 8																				
6	8 5		6 4	6	21 6	6	40 4	6	63 9	6	90 3																				
8	8 2		5 7	8	21 9	8	40 9	8	64 4	8	90 6																				
44	6 0	54	6 0	64	22 3	74	41 3	84	65 0	94	91 4																				
2	7 7		6 3	2	22 6	2	41 8	2	65 5	2	91 9																				
4	7 4		6 6	4	23 0	4	42 2	4	66 1	4	92 4																				
6	7 1		6 9	6	23 3	6	42 6	6	66 6	6	92 6																				
8	6 9		7 2	8	23 6	8	43 0	8	67 2	8	93 4																				
45	6 6	55	7 5	65	24 0	75	43 6	85	67 7	95	93 9																				
2	6 3		7 8	2	24 3	2	43 9	2	68 3	2	94 4																				
4	6 1		8 1	4	24 6	4	44 4	4	68 8	4	94 6																				
6	5 8		8 4	6	25 0	6	44 8	6	69 4	6	95 4																				
8	5 5		4 7	8	25 3	8	45 2	8	69 9	8	95 9																				
46	5 2	56	9 0	66	25 6	76	45 7	86	70 5	96	96 5																				
2	4 9		9 3	2	26 0	2	46 2	2	71 0	2	97 0																				
4	4 7		9 6	4	26 3	4	46 7	4	71 6	4	97 5																				
6	4 4		9 9	6	26 6	6	47 1	6	72 1	6	98 0																				
8	4 2		10 2	8	26 9	8	47 6	8	72 7	8	98 5																				
47	3 9	57	10 6	67	27 3	77	48 0	87	73 2	97	99 0																				
2	3 6		10 8	2	27 6	2	48 6	2	73 7	2	99 5																				
4	3 3		11 1	4	28 0	4	49 0	4	74 2	4	100 0																				
6	3 1		11 4	6	28 3	6	49 4	6	74 7	6																					
8	2 9		11 7	8	28 7	8	49 9	8	75 2	8																					
48	2 6	58	12 0	68	29 0	78	50 3	88	75 7	98																					
2	2 3		12 3	2	29 4	2	50 8	2	76 2	2																					
4	2 0		12 7	4	29 7	4	51 2	4	76 7	4																					
6	1 7		13 0	6	30 1	6	51 7	6	77 2	6																					
8	1 5		13 3	8	30 5	8	52 1	8	77 7	8																					
49	1 2	59	13 7	69	30 9	79	52 6	89	78 2	99																					
2	0 9		14 0	2	31 2	2	53 0	2	78 7	2																					
4	0 6		14 3	4	31 6	4	53 5	4	79 2	4																					
6	0 3		14 7	6	32 0	6	53 9	6	79 7	6																					
8			15 0	8	32 4	8	54 4	8	80 2	8																					
50	0 3	60	15 4	70	32 8	80	54 8	90	80 7	100																					

GLASS HYDROMETER.

A

Temperature 98° F

D ₁ on Stem A	Per cent over Proof	D ₁ on Stem, A	Per cent over Proof	D ₁ on Stem	Per cent over Proof	D ₁ on Stem	Per cent over Proof	D ₁ on Stem	Per cent over Proof	D ₁ on Stem	Per cent over Proof	D ₁ on Stem	Per cent over Proof	D ₁ on Stem	Per cent over Proof
0	72.5	10	65.9	0	57.9	10	48.5	20	37.5	30	26.2	0	72.4	10	65.7
1	72.2	11	65.6	1	57.7	11	48.3	21	37.3	31	25.9	1	72.1	11	65.5
2	72.0	12	65.3	2	57.5	12	48.1	22	37.1	32	25.7	2	71.9	12	65.3
3	71.9	13	65.2	3	57.3	13	47.9	23	36.9	33	25.4	3	71.7	13	65.2
4	71.6	14	64.9	4	57.1	14	47.7	24	36.7	34	25.2	4	71.5	14	64.9
5	71.5	15	64.7	5	56.9	15	47.5	25	36.5	35	24.9	5	71.4	15	64.7
6	71.4	16	64.6	6	56.6	16	47.3	26	36.3	36	24.7	6	71.2	16	64.6
7	71.2	17	64.4	7	56.4	17	47.1	27	36.2	37	24.5	7	71.1	17	64.4
8	71.1	18	64.3	8	56.2	18	46.9	28	36.0	38	24.3	8	70.9	18	64.3
9	70.8	19	64.1	9	56.0	19	46.7	29	35.8	39	24.2	9	70.7	19	64.1
10	70.7	20	63.9	10	55.9	20	46.5	30	35.6	40	23.9	10	70.5	20	63.9
11	70.5	21	63.7	11	55.7	21	46.3	31	35.4	41	23.7	11	70.4	21	63.7
12	70.4	22	63.5	12	55.5	22	46.1	32	35.2	42	23.5	12	70.3	22	63.5
13	70.3	23	63.3	13	55.3	23	45.9	33	35.0	43	23.3	13	70.2	23	63.3
14	70.2	24	63.2	14	55.1	24	45.7	34	34.8	44	23.1	14	70.1	24	63.2
15	70.1	25	63.0	15	54.9	25	45.5	35	34.6	45	22.9	15	70.0	25	63.0
16	69.9	26	62.9	16	54.7	26	45.3	36	34.4	46	22.7	16	69.8	26	62.9
17	69.8	27	62.7	17	54.5	27	45.1	37	34.2	47	22.5	17	69.7	27	62.7
18	69.7	28	62.5	18	54.3	28	44.9	38	34.0	48	22.3	18	69.6	28	62.5
19	69.6	29	62.4	19	54.1	29	44.7	39	33.8	49	22.1	19	69.5	29	62.4
20	69.5	30	62.2	20	53.9	30	44.5	40	33.6	50	21.9	20	69.4	30	62.2
21	69.4	31	62.0	21	53.7	31	44.3	41	33.4	51	21.7	21	69.3	31	62.0
22	69.3	32	61.9	22	53.5	32	44.1	42	33.2	52	21.5	22	69.2	32	61.9
23	69.2	33	61.7	23	53.3	33	43.9	43	33.0	53	21.3	23	69.1	33	61.7
24	69.1	34	61.6	24	53.1	34	43.7	44	32.8	54	21.1	24	69.0	34	61.6
25	69.0	35	61.5	25	52.9	35	43.5	45	32.6	55	20.9	25	68.9	35	61.5
26	68.9	36	61.4	26	52.7	36	43.3	46	32.4	56	20.7	26	68.8	36	61.4
27	68.8	37	61.3	27	52.5	37	43.1	47	32.2	57	20.5	27	68.7	37	61.3
28	68.7	38	61.2	28	52.3	38	42.9	48	32.0	58	20.3	28	68.6	38	61.2
29	68.6	39	61.1	29	52.1	39	42.7	49	31.8	59	20.1	29	68.5	39	61.1
30	68.5	40	61.0	30	51.9	40	42.5	50	31.6	60	19.9	30	68.4	40	61.0
31	68.4	41	60.9	31	51.7	41	42.3	51	31.4	61	19.7	31	68.3	41	60.9
32	68.3	42	60.8	32	51.5	42	42.1	52	31.2	62	19.5	32	68.2	42	60.8
33	68.2	43	60.7	33	51.3	43	41.9	53	31.0	63	19.3	33	68.1	43	60.7
34	68.1	44	60.6	34	51.1	44	41.7	54	30.8	64	19.1	34	68.0	44	60.6
35	68.0	45	60.5	35	50.9	45	41.5	55	30.6	65	18.9	35	67.9	45	60.5
36	67.9	46	60.4	36	50.7	46	41.3	56	30.4	66	18.7	36	67.8	46	60.4
37	67.8	47	60.3	37	50.5	47	41.1	57	30.2	67	18.5	37	67.7	47	60.3
38	67.7	48	60.2	38	50.3	48	40.9	58	30.0	68	18.3	38	67.6	48	60.2
39	67.6	49	60.1	39	50.1	49	40.7	59	29.8	69	18.1	39	67.5	49	60.1
40	67.5	50	60.0	40	50.0	50	40.5	60	29.6	70	17.9	40	67.4	50	60.0
41	67.4	51	59.9	41	49.9	51	40.3	61	29.4	71	17.7	41	67.3	51	59.9
42	67.3	52	59.8	42	49.7	52	40.1	62	29.2	72	17.5	42	67.2	52	59.8
43	67.2	53	59.7	43	49.5	53	39.9	63	29.0	73	17.3	43	67.1	53	59.7
44	67.1	54	59.6	44	49.3	54	39.7	64	28.8	74	17.1	44	67.0	54	59.6
45	67.0	55	59.5	45	49.1	55	39.5	65	28.6	75	16.9	45	66.9	55	59.5
46	66.9	56	59.4	46	48.9	56	39.3	66	28.4	76	16.7	46	66.8	56	59.4
47	66.8	57	59.3	47	48.7	57	39.1	67	28.2	77	16.5	47	66.7	57	59.3
48	66.7	58	59.2	48	48.5	58	38.9	68	28.0	78	16.3	48	66.6	58	59.2
49	66.6	59	59.1	49	48.3	59	38.7	69	27.8	79	16.1	49	66.5	59	59.1
50	66.5	60	59.0	50	48.1	60	38.5	70	27.6	80	15.9	50	66.4	60	59.0
51	66.4	61	58.9	51	47.9	61	38.3	71	27.4	81	15.7	51	66.3	61	58.9
52	66.3	62	58.8	52	47.7	62	38.1	72	27.2	82	15.5	52	66.2	62	58.8
53	66.2	63	58.7	53	47.5	63	37.9	73	27.0	83	15.3	53	66.1	63	58.7
54	66.1	64	58.6	54	47.3	64	37.7	74	26.8	84	15.1	54	66.0	64	58.6
55	66.0	65	58.5	55	47.1	65	37.5	75	26.6	85	14.9	55	65.9	65	58.5
56	65.9	66	58.4	56	46.9	66	37.3	76	26.4	86	14.7	56	65.8	66	58.4
57	65.8	67	58.3	57	46.7	67	37.1	77	26.2	87	14.5	57	65.7	67	58.3
58	65.7	68	58.2	58	46.5	68	36.9	78	26.0	88	14.3	58	65.6	68	58.2
59	65.6	69	58.1	59	46.3	69	36.7	79	25.8	89	14.1	59	65.5	69	58.1
60	65.5	70	58.0	60	46.1	70	36.5	80	25.6	90	13.9	60	65.4	70	58.0
61	65.4	71	57.9	61	45.9	71	36.3	81	25.4	91	13.7	61	65.3	71	57.9
62	65.3	72	57.8	62	45.7	72	36.1	82	25.2	92	13.5	62	65.2	72	57.8
63	65.2	73	57.7	63	45.5	73	35.9	83	25.0	93	13.3	63	65.1	73	57.7
64	65.1	74	57.6	64	45.3	74	35.7	84	24.8	94	13.1	64	65.0	74	57.6
65	65.0	75	57.5	65	45.1	75	35.5	85	24.6	95	12.9	65	64.9	75	57.5
66	64.9	76	57.4	66	44.9	76	35.3	86	24.4	96	12.7	66	64.8	76	57.4
67	64.8	77	57.3	67	44.7	77	35.1	87	24.2	97	12.5	67	64.7	77	57.3
68	64.7	78	57.2	68	44.5	78	34.9	88	24.0	98	12.3	68	64.6	78	57.2
69	64.6	79	57.1	69	44.3	79	34.7	89	23.8	99	12.1	69	64.5	79	57.1
70	64.5	80	57.0	70	44.1	80	34.5	90	23.6	100	11.9	70	64.4	80	57.0
71	64.4	81	56.9	71	43.9	81	34.3	91	23.4			71	64.3	81	56.9
72	64.3	82	56.8	72	43.7	82	34.1	92	23.2			72	64.2	82	56.8
73	64.2	83	56.7	73	43.5	83	33.9	93	23.0			73	64.1	83	56.7
74	64.1	84	56.6	74	43.3	84	33.7	94	22.8			74	64.0	84	56.6
75	64.0	85	56.5	75	43.1	85	33.5	95	22.6			75	63.9	85	56.5
76	63.9	86	56.4	76	42.9	86	33.3	96	22.4			76	63.8	86	56.4
77	63.8	87	56.3	77	42.7	87	33.1	97	22.2			77	63.7	87	56.3
78	63.7	88	56.2	78	42.5	88	32.9	98	22.0			78	63.6	88	56.2
79	63.6	89	56.1	79	42.3	89	32.7	99	21.8			79	63.5	89	56.1
80	63.5	90	56.0	80	42.1	90	32.5					80	63.4	90	56.0
81	63.4	91	55.9	81	41.9	91	32.3					81	63.3	91	55.9
82	63.3	92	55.8	82	41.7	92	32.1					82	63.2	92	55.8
83	63.2	93	55.7	83	41.5	93	31.9					83	63.1	93	55.7
84	63.1	94	55.6	84	41.3	94	31.7					84	63.0	94	55.6
85	63.0	95	55.5	85	41.1	95	31.5					85	62.9	95	55.5
86	62.9	96	55.4	86	40.9	96	31.3					86	62.8	96	55.4
87	62.8	97	55.3	87	40.7	97	31.1					87	62.7	97	55.3
88	62.7	98	55.2	88	40.5	98	30.9					88	62.6	98	55.2
89	62.6	99	55.1	89	40.3	99	30.7					89	62.5	99	55.1
90	62.5	100	55.0	90	40.1	100	30.5					90	62.4	100	55.0
91	62.4		54.9	91	40.0		30.3					91	62.3		54.9
92	62.3		54.8	92	39.8		30.1					92	62.2		54.8

GLASS HYDROMETER.

Temperature 98° F

Days on Stem	Per cent over Proof	Days on Stem	Per cent under Proof	Days on Stem	Per cent under Proof	Days on Stem	Per cent under Proof	Days on Stem	Per cent under Proof	Days on Stem	Per cent under Proof	Days on Stem	Per cent under Proof	Days on Stem	Per cent under Proof
40	13 6	50	0 3	60	15 4	70	32 8	80	54 8	90	80 7				
2	13 3	2	0 6	2	15 7	2	33 2	2	55 3	2	81 2				
4	13 1	4	0 8	4	16 0	4	33 8	4	55 8	4	81 7				
6	12 8	6	1 1	6	16 3	6	34 0	6	56 3	6	82 2				
8	12 5	8	1 4	8	16 7	8	34 3	8	56 8	8	82 8				
41	12 2	51	1 7	61	17 0	71	34 9	81	57 3	91	83 3				
12	11 9	2	2 0	2	17 4	2	35 4	2	57 8	2	83 9				
4	11 7	4	2 3	4	17 7	4	35 8	4	58 3	4	84 4				
6	11 4	6	2 6	6	18 0	6	36 2	6	58 8	6	85 0				
8	11 1	8	2 8	8	18 4	8	36 6	8	59 3	8	85 5				
42	10 9	52	3 1	62	18 7	72	37 0	82	59 8	92	86 0				
2	10 6	2	3 4	2	19 1	2	37 5	2	60 3	2	86 6				
4	10 3	4	3 7	4	19 4	4	37 9	4	60 8	4	87 1				
6	10 0	6	4 0	6	19 7	6	38 3	6	61 3	6	87 7				
8	9 7	8	4 3	8	20 1	8	38 7	8	61 8	8	88 2				
43	9 4	53	4 5	63	20 5	73	39 2	83	62 4	93	88 8				
2	9 1	2	4 8	2	20 9	2	39 6	2	62 9	2	89 3				
4	8 8	4	5 1	4	21 3	4	40 0	4	63 4	4	89 8				
6	8 5	6	5 4	6	21 6	6	40 4	6	63 9	6	90 3				
8	8 2	8	5 7	8	21 9	8	40 8	8	64 4	8	90 9				
44	8 0	54	6 0	64	22 3	74	41 3	84	65 0	94	91 4				
2	7 7	2	6 3	2	22 6	2	41 8	2	65 5	2	91 9				
4	7 4	4	6 6	4	23 0	4	42 2	4	66 1	4	92 4				
6	7 1	6	6 9	6	23 3	6	42 6	6	66 6	6	92 9				
8	6 9	8	7 2	8	23 6	8	43 0	8	67 2	8	93 4				
45	6 6	55	7 6	65	24 0	75	43 5	85	67 7	95	93 9				
2	6 3	2	7 8	2	24 3	2	43 9	2	68 3	2	94 4				
4	6 1	4	8 1	4	24 8	4	44 4	4	68 8	4	94 9				
6	5 8	6	8 4	6	25 0	6	44 8	6	69 4	6	95 4				
8	5 5	8	8 7	8	25 3	8	45 2	8	69 9	8	95 9				
46	5 2	56	9 0	66	25 6	76	45 7	86	70 6	96	96 6				
2	4 9	2	9 3	2	26 0	2	46 2	2	71 0	2	97 0				
4	4 7	4	9 6	4	26 3	4	46 7	4	71 6	4	97 5				
6	4 4	6	9 9	6	26 6	6	47 1	6	72 1	6	98 0				
8	4 2	8	10 2	8	26 9	8	47 6	8	72 7	8	98 5				
47	3 9	57	10 5	67	27 3	77	48 0	87	73 2	97	99 0				
2	3 6	2	10 8	2	27 6	2	48 5	2	73 7	2	99 5				
4	3 3	4	11 1	4	28 0	4	48 9	4	74 2	4	100 0				
6	3 1	6	11 4	6	28 3	6	49 4	6	74 7	6					
8	2 9	8	11 7	8	28 7	8	49 9	8	75 2	8					
48	2 6	58	12 0	68	29 0	78	50 3	88	75 7	98					
2	2 3	2	12 3	2	29 4	2	50 8	2	76 2	2					
4	2 0	4	12 7	4	29 7	4	51 2	4	76 7	4					
6	1 7	6	13 0	6	30 1	6	51 7	6	77 2	6					
8	1 5	8	13 3	8	30 5	8	52 1	8	77 7	8					
49	1 2	59	13 7	69	30 9	79	52 6	89	78 2	99					
2	0 9	2	14 0	2	31 2	2	53 0	2	78 7	2					
4	0 8	4	14 3	4	31 6	4	53 5	4	79 2	4					
6	0 3	6	14 7	6	32 0	6	53 9	6	79 7	6					
8		8	15 0	8	32 4	8	54 4	8	80 2	8					
50	0 3	60	15 4	70	32 8	80	54 8	90	80 7	100					

Temperature 99° F.

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Temperature 99° F.

123

GLASS HYDROMETER.

A Temperature 100° F.

Days on Stem A	Per cent over Proof	Days on Stem A	Per cent over Proof	Days on Stem A	Per cent over Proof	Days on Stem A	Per cent over Proof	Days on Stem A	Per cent over Proof	Days on Stem A	Per cent over Proof	Days on Stem A	Per cent over Proof	Days on Stem A	Per cent over Proof
0	72 1	10	63 4	0	57 2	10	47 9	20	36 9	30	25 5	0	72 0	2	65 2
2	72 0	2	65 2	2	57 1	2	47 7	2	36 7	2	25 2	2	71 8	4	65 1
4	71 8	4	65 1	4	56 9	4	47 5	4	36 5	4	25 0	4	71 7	6	65 0
6	71 7	6	65 0	6	56 7	6	47 3	6	36 3	6	24 7	6	71 6	8	64 8
8	71 6	8	64 8	8	56 6	8	47 1	8	36 1	8	24 5	8	71 4	10	64 7
1	71 4	11	64 7	1	56 4	11	47 0	21	35 9	31	24 3	1	71 3	11	64 5
2	71 3	2	64 5	2	56 2	2	46 8	2	35 6	2	24 0	2	71 2	4	64 4
4	71 2	4	64 4	4	56 0	4	46 5	4	35 4	4	23 7	4	71 0	6	64 2
6	71 0	6	64 2	6	55 9	6	46 3	6	35 2	6	23 5	6	70 9	8	64 1
8	70 9	8	64 1	8	55 7	8	46 1	8	35 0	8	23 3	8	70 8	12	63 9
2	70 8	12	63 9	2	55 5	12	45 9	22	34 7	32	23 0	2	70 7	2	63 8
2	70 7	2	63 8	2	55 3	2	45 7	2	34 5	2	22 7	2	70 6	4	63 6
4	70 5	4	63 6	4	55 1	4	45 5	4	34 3	4	22 5	4	70 4	6	63 4
6	70 4	6	63 4	6	54 9	6	45 3	6	34 1	6	22 2	6	70 3	8	63 3
8	70 3	8	63 3	8	54 7	8	45 1	8	33 9	8	21 9	8	70 1	13	63 1
3	70 1	13	63 1	3	54 6	13	44 8	23	33 7	33	21 7	3	70 0	2	62 9
2	70 0	2	62 9	2	54 5	2	44 6	2	33 4	2	21 5	2	69 9	4	62 8
4	69 9	4	62 8	4	54 3	4	44 4	4	33 2	4	21 3	4	69 7	6	62 6
6	69 7	6	62 6	6	54 1	6	44 2	6	33 0	6	21 1	6	69 6	8	62 4
8	69 6	8	62 4	8	53 9	8	43 9	8	32 8	8	20 8	8	69 5	14	62 3
4	69 5	14	62 3	4	53 7	14	43 7	24	32 5	34	20 6	4	69 3	2	62 1
2	69 3	2	62 1	2	53 5	2	43 5	2	32 3	2	20 3	2	69 2	4	61 9
4	69 2	4	61 9	4	53 3	4	43 3	4	32 1	4	20 1	4	69 1	6	61 8
6	69 1	6	61 8	6	53 1	6	43 1	6	31 9	6	19 8	6	68 9	8	61 6
8	68 9	8	61 6	8	52 9	8	42 8	8	31 6	8	19 5	8	68 8	15	61 4
5	68 8	15	61 4	5	52 8	15	42 5	25	31 4	35	19 3	5	68 7	2	61 3
2	68 7	2	61 3	2	52 6	2	42 3	2	31 1	2	19 0	2	68 5	4	61 1
4	68 5	4	61 1	4	52 5	4	42 1	4	30 9	4	18 8	4	68 4	6	60 9
6	68 4	6	60 9	6	52 3	6	41 9	6	30 7	6	18 5	6	68 3	8	60 8
8	68 3	8	60 8	8	52 1	8	41 6	8	30 5	8	18 3	8	68 2	16	60 6
6	68 2	16	60 6	6	51 9	16	41 4	26	30 3	36	18 1	6	68 0	2	60 4
2	68 0	2	60 4	2	51 7	2	41 2	2	30 1	2	17 9	2	67 9	4	60 3
4	67 9	4	60 3	4	51 6	4	40 9	4	29 8	4	17 5	4	67 8	6	60 1
6	67 8	6	60 1	6	51 3	6	40 7	6	29 6	6	17 3	6	67 7	8	59 9
8	67 7	8	59 9	8	51 1	8	40 5	8	29 3	8	17 0	8	67 6	17	59 8
7	67 5	17	59 8	7	50 9	17	40 3	27	29 1	37	16 7	7	67 4	2	59 6
2	67 4	2	59 6	2	50 7	2	40 1	2	28 9	2	16 5	2	67 3	4	59 4
4	67 3	4	59 4	4	50 5	4	39 8	4	28 6	4	16 2	4	67 1	6	59 2
6	67 1	6	59 2	6	50 3	6	39 6	6	28 3	6	15 9	6	67 0	8	59 1
8	67 0	8	59 1	8	50 1	8	39 4	8	28 1	8	15 7	8	66 9	18	58 9
8	66 9	18	58 9	8	49 9	18	39 2	28	27 9	38	15 4	8	66 7	2	58 6
2	66 7	2	58 6	2	49 7	2	38 9	2	27 6	2	15 1	2	66 6	4	58 5
4	66 6	4	58 5	4	49 5	4	38 7	4	27 4	4	14 9	4	66 5	6	58 4
6	66 5	6	58 4	6	49 3	6	38 5	6	27 2	6	14 7	6	66 3	8	58 2
8	66 3	8	58 2	8	49 1	8	38 2	8	26 9	8	14 4	8	66 2	19	58 1
9	66 2	19	58 1	9	48 9	19	38 0	29	26 7	39	14 1	9	66 0	2	57 9
2	66 0	2	57 9	2	48 7	2	37 8	2	26 5	2	13 9	2	65 9	4	57 7
4	65 9	4	57 7	4	48 5	4	37 5	4	26 2	4	13 7	4	65 7	6	57 6
6	65 7	6	57 6	6	48 3	6	37 3	6	26 0	6	13 4	6	65 6	8	57 4
8	65 6	8	57 4	8	48 1	8	37 1	8	25 7	8	13 1	8	65 4	20	57 2
10	65 4	20	57 2	10	47 9	20	36 9	30	25 5	40	12 9				

GLASS HYDROMETER

Temperature 100° F

Dive on Stem	Per cent. over Proof	Dive on Stem	Per cent. under Proof	Dive on Stem	Per cent. under Proof	Dive on Stem	Per cent. under Proof	Dive on Stem	Per cent. under Proof	Dive on Stem	Per cent. under Proof
40	12 9	50	1 0	60	16 1	70	33 7	80	55 6	90	81 3
2	12 6	2	1 3	2	16 5	2	34 1	2	56 1	2	81 8
4	12 3	4	1 6	4	16 8	4	34 6	4	56 6	4	82 3
6	12 1	6	1 9	6	17 1	6	35 0	6	57 1	6	82 8
8	11 8	8	2 1	8	17 5	8	35 4	8	57 6	8	83 3
41	11 5	51	2 4	61	17 8	71	35 8	81	58 1	91	83 8
2	11 2	2	2 7	2	18 1	2	36 2	2	58 6	2	84 4
4	10 9	4	3 0	4	18 5	4	36 6	4	59 1	4	84 9
6	10 7	6	3 3	6	18 8	6	37 1	6	59 6	6	85 5
8	10 4	8	3 6	8	19 2	8	37 5	8	60 1	8	86 1
42	10 1	52	3 9	62	19 5	72	38 0	82	60 6	92	86 6
2	9 8	2	4 2	2	19 9	2	38 5	2	61 1	2	87 2
4	9 5	4	4 5	4	20 3	4	38 9	4	61 6	4	87 7
6	9 2	6	4 7	6	20 6	6	39 3	6	62 1	6	88 3
8	9 0	8	5 0	8	20 9	8	39 7	8	62 6	8	88 8
43	8 7	53	5 3	63	21 3	73	40 2	83	63 1	93	89 4
2	8 4	2	5 6	2	21 7	2	40 6	2	63 6	2	89 9
4	8 1	4	5 9	4	22 1	4	41 0	4	64 1	4	90 4
6	7 8	6	6 2	6	22 4	6	41 4	6	64 6	6	90 9
8	7 5	8	6 5	8	22 8	8	41 9	8	65 1	8	91 4
44	7 2	54	6 8	64	23 1	74	42 3	84	65 7	94	91 9
2	6 9	2	7 1	2	23 4	2	42 7	2	66 2	2	92 4
4	6 7	4	7 4	4	23 8	4	43 1	4	66 7	4	92 9
6	6 4	6	7 7	6	24 1	6	43 5	6	67 3	6	93 5
8	6 2	8	8 0	8	24 4	8	44 0	8	67 8	8	94 0
45	5 9	55	8 3	65	24 9	75	44 4	85	68 4	95	94 5
2	5 6	2	8 6	2	25 1	2	44 8	2	68 9	2	95 0
4	5 3	4	8 9	4	25 4	4	45 2	4	69 5	4	95 5
6	5 0	6	9 2	6	25 8	6	45 6	6	70 0	6	96 0
8	4 8	8	9 5	8	26 1	8	46 1	8	70 6	8	96 5
46	4 5	56	9 8	66	26 4	76	46 6	86	71 1	96	97 0
2	4 2	2	10 1	2	26 8	2	47 1	2	71 7	2	97 5
4	3 9	4	10 4	4	27 1	4	47 5	4	72 2	4	98 0
6	3 7	6	10 7	6	27 4	6	48 0	6	72 8	6	98 5
8	3 4	8	11 0	8	27 8	8	48 4	8	73 3	8	99 0
47	3 2	57	11 3	67	28 1	77	48 9	87	73 8	97	99 5
2	2 9	2	11 6	2	28 4	2	49 3	2	74 3	2	100 0
4	2 6	4	11 9	4	28 8	4	49 8	4	74 8	4	
6	2 3	6	12 2	6	29 1	6	50 2	6	75 3	6	
8	2 1	8	12 5	8	29 5	8	50 7	8	75 8	8	
48	1 8	58	12 8	68	29 8	78	51 1	88	76 3	98	
2	1 5	2	13 1	2	30 2	2	51 6	2	76 8	2	
4	1 2	4	13 5	4	30 5	4	52 0	4	77 3	4	
6	1 0	6	13 8	6	30 9	6	52 5	6	77 8	6	
8	0 7	8	14 1	8	31 3	8	52 9	8	78 3	8	
49	0 4	59	14 5	69	31 7	79	53 4	89	78 8	99	
2	0 1	2	14 8	2	32 0	2	53 8	2	79 3	2	
4	0 2	4	15 2	4	32 4	4	54 3	4	79 8	4	
6	0 4	6	15 5	6	32 8	6	54 7	6	80 3	6	
8	0 7	8	15 8	8	33 3	8	55 2	8	80 8	8	
50	1 0	60	16 1	70	33 7	80	55 6	90	81 3	100	



SPECIFIC GRAVITY TABLES
FOR USE WITH
SIKES'S HYDROMETER.

THE following tables of specific gravity, constructed from those of Ure, show approximately* the specific gravity of spirits from 70° O P. down to water at every temperature compared with water at 62° F, water at 62° F being denoted as 10 000

The imperial gallon of distilled water at 62° F weighs 10 lbs avoirdupois. Therefore a gallon of spirit of which the specific gravity is 9 000 at a certain temperature weighs at that temperature 9 lbs per gallon

TO USE THE TABLES.

Note the hydrometer indication. Then refer to the specific gravity Table I at this indication. Against it will be found the specific gravity which corresponds to the weight per gallon in pounds to decimals. The equivalent avoirdupois weights for the decimals are found in Table II.

Note—In using Table II the third decimal figure of the specific gravity found at Table I is, if under 5, to be omitted. If over 5, 1 should be added to the preceding or second decimal figure. Thus 8 242 should be read 8 24, and 9 196 should be read 9 200.

Example—Specific gravity 8 242 (*i.e.*, 8 24) will thus be found to be equivalent to 8 lbs 3 ozs 13 drms per imperial gallon. Again, specific gravity 9 196 (*i.e.*, 9 20) will be found to be equivalent to 9 lbs 3 ozs 3 drms per imperial gallon.

* These specific gravities are found true by the hydrometer only at 62° F. But for the purpose of checking stocks where probably both sides of the balance will be taken at temperatures not materially different the error on each side will be about the same and may be neglected.

Dive on Stem A	Specific gravity	Dive on Stem A	Specific gravity	Dive on Stem	Specific gravity	Dive on Stem	Specific gravity	Dive on Stem	Specific gravity	Dive on Stem	Specific gravity	Dive on Stem	Specific gravity
0		10	7 939	0	8 154	10	9 323	20	8 493	30	8 670		
1		11	7 992	1	8 157	11	9 326	21	8 498	31	8 689		
2		12	7 996	2	8 161	12	9 330	22	8 502	32	8 692		
3		13	7 999	3	8 164	13	9 333	23	8 505	33	8 695		
4		14	8 002	4	8 168	14	9 337	24	8 509	34	8 699		
5		15	8 005	5	8 171	15	9 340	25	8 512	35	8 702		
6		16	8 009	6	8 174	16	9 343	26	8 516	36	8 706		
7		17	8 012	7	8 178	17	9 347	27	8 519	37	8 709		
8		18	8 015	8	8 181	18	9 350	28	8 523	38	8 713		
9		19	8 019	9	8 185	19	9 354	29	8 526	39	8 716		
10		20	8 022	10	8 189	20	9 357	30	8 530	40	8 720		
11		21	8 025	11	8 191	21	9 361	31	8 533	41	8 723		
12		22	8 029	12	8 195	22	9 364	32	8 537	42	8 727		
13		23	8 032	13	8 198	23	9 368	33	8 540	43	8 730		
14		24	8 035	14	8 202	24	9 371	34	8 544	44	8 734		
15		25	8 038	15	8 205	25	9 375	35	8 547	45	8 737		
16		26	8 042	16	8 208	26	9 378	36	8 551	46	8 741		
17		27	8 045	17	8 212	27	9 382	37	8 554	47	8 745		
18		28	8 048	18	8 215	28	9 385	38	8 558	48	8 748		
19		29	8 052	19	8 219	29	9 389	39	8 561	49	8 752		
20		30	8 055	20	8 222	30	9 392	40	8 565	50	8 755		
21		31	8 058	21	8 225	31	9 395	41	8 568	51	8 759		
22		32	8 062	22	8 229	32	9 399	42	8 572	52	8 763		
23		33	8 065	23	8 232	33	9 402	43	8 575	53	8 767		
24		34	8 068	24	8 236	34	9 406	44	8 579	54	8 770		
25		35	8 071	25	8 239	35	9 409	45	8 582	55	8 773		
26		36	8 075	26	8 242	36	9 412	46	8 586	56	8 777		
27		37	8 078	27	8 245	37	9 416	47	8 590	57	8 781		
28		38	8 081	28	8 249	38	9 419	48	8 593	58	8 784		
29		39	8 085	29	8 252	39	9 423	49	8 596	59	8 788		
30		40	8 088	30	8 255	40	9 426	50	8 600	60	8 791		
31		41	8 091	31	8 258	41	9 429	51	8 603	61	8 795		
32		42	8 095	32	8 262	42	9 433	52	8 607	62	8 799		
33		43	8 098	33	8 265	43	9 436	53	8 610	63	8 802		
34		44	8 101	34	8 269	44	9 440	54	8 614	64	8 806		
35		45	8 104	35	8 272	45	9 443	55	8 617	65	8 809		
36		46	8 108	36	8 275	46	9 446	56	8 620	66	8 813		
37		47	8 111	37	8 279	47	9 450	57	8 624	67	8 817		
38		48	8 114	38	8 282	48	9 453	58	8 628	68	8 820		
39		49	8 118	39	8 286	49	9 457	59	8 631	69	8 824		
40		50	8 121	40	8 289	50	9 460	60	8 635	70	8 827		
41		51	8 124	41	8 292	51	9 464	61	8 639	71	8 831		
42		52	8 128	42	8 296	52	9 467	62	8 642	72	8 835		
43		53	8 131	43	8 299	53	9 471	63	8 646	73	8 839		
44		54	8 134	44	8 303	54	9 474	64	8 649	74	8 842		
45		55	8 137	45	8 306	55	9 478	65	8 653	75	8 845		
46		56	8 141	46	8 309	56	9 481	66	8 656	76	8 849		
47		57	8 144	47	8 313	57	9 485	67	8 660	77	8 853		
48		58	8 147	48	8 316	58	9 488	68	8 663	78	8 857		
49		59	8 151	49	8 320	59	9 492	69	8 667	79	8 861		
50		60	8 154	50	8 323	60	9 495	70	8 670	80	8 865		

Table I—contd.

Dens on Stem	Specific gravity	Dens on Stem	Specific gravity	Dens on Stem	Specific gravity	Dens on Stem	Specific gravity	Dens on Stem	Specific gravity	Dens on Stem	Specific gravity	Dens on Stem	Specific gravity
40	8 849	50	9 031	60	9 218	70	9 409	80	9 604	90	9 800		
2	8 853	2	9 036	2	9 222	2	9 413	2	9 608	2	9 804		
4	8 856	4	9 039	4	9 226	4	9 417	4	9 612	4	9 808		
6	8 860	6	9 043	6	9 229	6	9 420	6	9 615	6	9 812		
8	8 863	8	9 046	8	9 233	8	9 424	8	9 619	8	9 816		
41	8 867	51	9 050	61	9 237	71	9 428	81	9 623	91	9 820		
2	8 871	2	9 054	2	9 241	2	9 432	2	9 627	2	9 824		
4	8 874	4	9 058	4	9 245	4	9 436	4	9 631	4	9 828		
6	8 878	6	9 061	6	9 248	6	9 440	6	9 635	6	9 832		
8	8 881	8	9 065	8	9 252	8	9 444	8	9 639	8	9 836		
42	8 885	52	9 069	62	9 256	72	9 448	82	9 643	92	9 840		
2	8 889	2	9 073	2	9 260	2	9 452	2	9 647	2	9 844		
4	8 892	4	9 076	4	9 264	4	9 456	4	9 651	4	9 848		
6	8 896	6	9 080	6	9 267	6	9 459	6	9 655	6	9 852		
8	8 899	8	9 083	8	9 271	8	9 463	8	9 659	8	9 856		
43	8 903	53	9 087	63	9 275	73	9 467	83	9 663	93	9 860		
2	8 907	2	9 091	2	9 279	2	9 471	2	9 667	2	9 864		
4	8 911	4	9 095	4	9 283	4	9 475	4	9 671	4	9 868		
6	8 914	6	9 098	6	9 286	6	9 479	6	9 674	6	9 872		
8	8 918	8	9 102	8	9 290	8	9 483	8	9 678	8	9 876		
44	8 922	54	9 106	64	9 294	74	9 487	84	9 682	94	9 880		
2	8 926	2	9 110	2	9 298	2	9 491	2	9 686	2	9 884		
4	8 929	4	9 114	4	9 302	4	9 495	4	9 690	4	9 888		
6	9 933	6	9 117	6	9 305	6	9 498	6	9 694	6	9 892		
8	8 936	8	9 121	8	9 309	8	9 502	8	9 698	8	9 896		
45	8 940	55	9 125	65	9 313	75	9 506	85	9 702	95	9 900		
2	8 944	2	9 129	2	9 317	2	9 510	2	9 706	2	9 904		
4	8 947	4	9 132	4	9 321	4	9 514	4	9 710	4	9 908		
6	8 951	6	9 136	6	9 324	6	9 517	6	9 714	6	9 912		
8	8 954	8	9 139	8	9 328	8	9 521	8	9 718	8	9 917		
46	8 958	56	9 143	66	9 332	76	9 525	86	9 722	96	9 921		
2	8 962	2	9 147	2	9 336	2	9 529	2	9 726	2	9 925		
4	8 965	4	9 151	4	9 340	4	9 533	4	9 730	4	9 929		
6	8 969	6	9 154	6	9 344	6	9 537	6	9 733	6	9 934		
8	8 972	8	9 158	8	9 348	8	9 541	8	9 737	8	9 938		
47	8 976	57	9 162	67	9 352	77	9 545	87	9 741	97	9 942		
2	8 980	2	9 166	2	9 356	2	9 549	2	9 745	2	9 946		
4	8 984	4	9 170	4	9 360	4	9 553	4	9 749	4	9 950		
6	8 987	6	9 173	6	9 363	6	9 557	6	9 753	6	9 955		
8	8 991	8	9 177	8	9 367	8	9 561	8	9 757	8	9 959		
48	8 995	58	9 181	68	9 371	78	9 565	88	9 761	98	9 963		
2	8 999	2	9 185	2	9 375	2	9 569	2	9 765	2	9 967		
4	9 002	4	9 189	4	9 379	4	9 573	4	9 769	4	9 972		
6	9 006	6	9 192	6	9 382	6	9 576	6	9 773	6	9 976		
8	9 009	8	9 196	8	9 386	8	9 580	8	9 777	8	9 981		
49	9 013	59	9 200	69	9 390	79	9 584	89	9 781	99	9 985		
2	9 017	2	9 204	2	9 394	2	9 588	2	9 785	2	9 990		
4	9 021	4	9 207	4	9 398	4	9 592	4	9 789	4	9 994		
6	9 024	6	9 211	6	9 401	6	9 596	6	9 792	6	9 998		
8	9 028	8	9 214	8	9 405	8	9 600	8	9 796	8	10 003		
50	9 032	60	9 218	70	9 409	80	9 604	90	9 800	100	10 007		

Table II.

Degrees of Specific gravity	Oz	Drams	Degrees of Specific gravity	Oz	Drams	Degrees of Specific gravity	Oz	Drams	Degrees of Specific gravity	Oz	Drams
1	0	2½	26	4	2½	51	8	2½	76	12	2½
2	0	5	27	4	5	52	8	5	77	12	5
3	0	7½	28	4	7½	53	8	7½	78	12	7½
4	0	10	29	4	10	54	8	10	79	12	10
5	0	12½	30	4	12½	55	8	12½	80	12	12½
6	0	15	31	4	15	56	8	15	81	12	15
7	1	1½	32	5	1½	57	9	1½	82	13	1½
8	1	4½	33	5	4½	58	9	4½	83	13	4½
9	1	7	34	5	7	59	9	7	84	13	7
10	1	9½	35	5	9½	60	9	9½	85	13	9½
11	1	12	36	5	12	61	9	12	86	13	12
12	1	14½	37	5	14½	62	9	14½	87	14	1½
13	2	1	38	6	1	63	10	1	88	14	1
14	2	3½	39	6	3½	64	10	3½	89	14	3½
15	2	6	40	6	6	65	10	6	90	14	6
16	2	8½	41	6	8½	66	10	8½	91	14	8½
17	2	11½	42	6	11½	67	10	11½	92	14	11½
18	2	14	43	6	14	68	10	14	93	14	14
19	3	0½	44	7	0½	69	11	0½	94	15	0½
20	3	3	45	7	3	70	11	3	95	15	3
21	3	5½	46	7	5½	71	11	5½	96	15	5½
22	3	8	47	7	8	72	11	8	97	15	8
23	3	10½	48	7	10½	73	11	10½	98	15	10½
24	3	13	49	7	13	74	11	13	99	15	13
25	4	0	50	8	0	75	12	0	100	16	0

*Supplementary note to letter No 589, dated 1st July 1907, from the Director,
Central Excise Laboratory for India, to the Secretary to the Government of
India, Finance Department*

1 The following notes refer to work undertaken subsequent to the date of my above quoted letter. It is to be particularly noted that my letter No 589, dated 1st July 1907, was a statement made at the commencement of the work, and that the figures in the appendices, though correct in their general trend, were not intended to be final, and on comparison with the completed work will show some comparatively insignificant variations. They should hence be regarded as of a purely preliminary nature and not in any way as extracts from the final results.

2 In the first place it was assumed that Sikes's hydrometer at 62° F gives true specific gravities referred to water at 62° F when its indications are interpreted by specific gravity Table I (which is identical with Table B of Spirits' Act, 1880, 43 and 44 Vict, Ch 24) which is printed at the end of the books of Sikes's Tables which are supplied from England. On investigation the table was found to be in general correct. True proof-strengths were then calculated for glass hydrometer indications applicable to these specific gravities at all temperatures, allowance for expansion and contraction of the measuring glass hydrometer at the various temperatures being calculated and made.

For brass hydrometers the contraction and expansion allowances proper to such instruments were also duly made.

3 The calculations of the true specific gravities of the various proof-strengths referred to water at 62° F were made by means of expansion-figures used inversely. The figures first taken for expansion were those of Baumhauer, Recknagel, Kopp, and others, and these were extended and interpolated by means of a co-ordinate diagram and double differences. Many pycnometer weighments were also made and compared with the data thus found. The specific gravities finally arrived at were then compared with those of Gilpin and Blagden, Tralles and Mendeleef. The variations between the four sets of tables at no part exceed 0.3 of a proof-degree.

4 Generally, the least discrepancies from Sikes's present proof strengths were found in the first tables (those derived here from the expansion tables of the abovementioned investigators), the most by those of Mendeleef, and the mean between these by those of Gilpin and Blagden and of Tralles.

Tralles's tables were finally selected for use as being the mean of the four sets of tables, and also because they give figures to confirm the allowances to be made for expansion or contraction of glass hydrometers.

These, therefore with Otto Hehner's Tables* of the specific gravities of mixtures of alcohol and water at 60° F, compared with water at 60° F, finally formed the basis of the work.

* "The Analyst," Vol. V

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another set is under preparation for use with brass hydrometers. When the proposal regarding adjustment of all hydrometers for use in India at the more suitable temperature of 62° F has been sanctioned fresh tables for such glass and also for such brass hydrometers would be issued in due course along with the respective instruments. The preparation of these supplementary tables should not occupy us more than a month in all and it is anticipated that no extra staff will be required for this work.

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LATER NOTE — Since the above note was written, the use of brass Sikes's hydrometers has in practice been restricted to district and shop-work only where the highest possible degree of accuracy is unnecessary. Consequently tables of the greatest accuracy are no longer necessary for use with brass hydrometers. For exact Excise spirit-proving operations, glass hydrometers are now in use throughout India. The question of adjustment of glass hydrometers at 62° F instead of 51° is held over for later consideration.

C H BEDFORD.

Kasauli, 23rd January 1909